

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| AT | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| AT | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| AT | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| AT | 2000-Dec-01 | 00126262.5 | 2001-Jun-13 | EP 1106914 | 2002-Sep-11 | E224032 | 2020-Dec-01 | |
| AT | 2000-Dec-01 | 01123199.0 | 2002-Jan-30 | EP 1176362 | 2004-Dec-01 | 1176362 | 2020-Dec-01 | |
| AT | 2001-Jan-08 | 01907413.7 | | | 2006-Jun-14 | E330448 | 2021-Jan-08 | |
| AT | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | E548887 | 2021-Apr-24 | |
| AT | 2001-Apr-24 | 03028671.0 | | | 2010-Apr-14 | E 464771 | 2021-Apr-24 | |
| AT | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | E253314 | 2021-Aug-31 | |
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| AT | 2002-Jun-21 | 02738518.6 | | | 2008-Dec-10 | E 417490 | 2022-Jun-21 | |
| AT | 2002-Jul-18 | 02751538.6 | | | 2006-May-17 | E 326826 | 2022-Jul-18 | |
| AT | 2002-Jul-18 | 02751537.8 | | | 2006-May-24 | E327654 | 2022-Jul-18 | |
| AT | 2003-Aug-28 | 03791823.2 | | | 2010-Jan-13 | E455451 | 2023-Aug-28 | |
| AT | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 1579735 | 2023-Dec-11 | |
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| AT | 2004-Apr-21 | 20172270.9 | 2020-Oct-14 | EP 3721959 | 2022-Nov-23 | 3721959 | 2024-Apr-21 | |
| AT | 2004-Apr-21 | 20172248.5 | 2020-Oct-14 | EP 3722533 | 2022-Oct-26 | 3722533 | 2024-Apr-21 | |
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| AT | 2005-Sep-19 | 18184893.8 | 2019-Jan-16 | EP 3428506 | 2020-Apr-15 | 3428506 | 2025-Sep-19 | |
| AT | 2005-Sep-19 | 21213937.2 | 2022-Jun-08 | EP 4008949 | 2024-Jan-10 | 4008949 | 2025-Sep-19 | |
| AT | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
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| AT | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| AT | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
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| AT | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
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| AT | 2007-Nov-06 | 07826984.2 | | | 2010-Jul-28 | E476087 | 2027-Nov-06 | |
| AT | 2007-Nov-27 | 07862228.9 | | | 2011-Mar-02 | E 500469 | 2027-Nov-27 | |
| AT | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | 2028-Mar-12 | |
| AT | 2008-Mar-14 | 18192950.6 | | | 2020-Aug-05 | 3445021 | 2028-Mar-14 | Yes |
| AT | 2008-Apr-04 | 08737714.9 | | | 2010-Oct-06 | E 483939 | 2028-Apr-04 | |
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| AT | 2008-May-02 | 08747545.5 | 2010-Feb-17 | EP 2153115 | 2021-Jul-07 | 2153115 | 2028-May-02 | |
| AT | 2009-Nov-03 | 09759792.6 | 2011-Jul-27 | EP 2347172 | 2020-Jan-22 | 2347172 | 2029-Nov-03 | |
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| AT | 2011-Apr-13 | 11714280.2 | | EP 2567149 | 2015-Jul-08 | 2567149 | 2031-Apr-13 | Yes |
| AT | 2011-Jul-29 | 17200852.6 | 2018-Jul-11 | EP 3346593 | 2019-Sep-11 | 3346593 | 2031-Jul-29 | |
| AT | 2011-Sep-19 | 14177579.1 | 2014-Oct-22 | EP 2792936 | 2019-Nov-06 | 2792936 | 2031-Sep-19 | Yes |
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| AT | 2011-Dec-09 | 11804814.9 | 2013-Oct-30 | EP 2655956 | 2020-Jul-29 | 2655956 | 2031-Dec-09 | |
| AT | 2012-Jan-20 | EP 12737154.0 | 2013-Nov-27 | EP2666220 | 2019-Sep-18 | 2666220 | 2032-Jan-20 | Yes |
| AT | 2012-Mar-15 | 12711261.3 | 2014-Jan-29 | EP 2689182 | 2020-May-20 | 2689182 | 2032-Mar-15 | Yes |
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| BE | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |

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| BG | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | 2020-Nov-18 | 2999314 | 2027-May-31 | |
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| BR | 2006-May-24 | PI 0610118-6 | | | 2018-Jul-10 | PI 0610118-6 | 2028-Jul-10 | |
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| BR | 2012-Jan-11 | BR 11 2013 017693 8 | 2016-Oct-11 | BR 112013017693-8 | 2020-May-12 | BR 112013017693-8 | 2032-Jan-11 | |
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| CH | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |

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| CH | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
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| CH | 2019-Oct-21 | 19787278.1 | 2021-Sep-08 | EP 3874196 | 2022-Dec-28 | 3874196 | 2039-Oct-21 | Yes |
| CN | 1997-Aug-08 | 97191154.1 | 1998-Nov-18 | CN 1199524 | 2003-Aug-27 | 97191154.1 | 2017-Aug-08 | |
| CN | 1997-Sep-08 | 97191438.9 | 1999-Jan-13 | CN 1205069 | 2003-Apr-16 | 97191438.9 | 2017-Sep-08 | |
| CN | 1998-Jan-22 | 98800051.2 | 1999-May-05 | CN 1216094 | 2003-Apr-30 | 98800051.2 | 2018-Jan-22 | |
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| CN | 1998-Jul-16 | 98801403.3 | 2000-Jan-12 | CN 1241349 | 2005-Mar-09 | 98801403.3 | 2018-Jul-16 | |
| CN | 1998-Jul-16 | 98801402.5 | 2000-Jan-12 | CN 1241348 | 2004-Feb-18 | 98801402.5 | 2018-Jul-16 | |
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| CN | 2000-Sep-15 | 00802081.7 | 2001-Nov-14 | CN 1322456 | 2006-Feb-08 | 00802081.7 | 2020-Sep-15 | |
| CN | 2000-Oct-10 | 00802488.X | 2002-Feb-13 | CN 1336092 | 2004-Dec-01 | 00802488.X | 2020-Oct-10 | |
| CN | 2000-Oct-12 | 00804517.8 | 2002-Mar-27 | CN 1342387 | 2005-Feb-09 | 00804517.8 | 2020-Oct-12 | |
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| CN | 2003-Nov-11 | 200380104180.8 | 2006-Jan-04 | CN 1717958 | 2008-Dec-03 | 200380104180.8 | 2023-Nov-10 | |
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| CN | 2004-Apr-21 | 201210470710.1 | 2013-Apr-03 | CN 103017017 | 2019-May-14 | 201210470710.1 | 2024-Apr-20 | |
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| CN | 2004-Dec-01 | 200480037576.X | 2007-Jan-10 | CN 1894839 | 2009-Dec-30 | 200480037576.X | 2024-Nov-30 | Yes |
| CN | 2004-Dec-03 | 200480038276.3 | 2007-Jan-17 | CN 1898853 | 2010-Jun-09 | 200480038276.3 | 2024-Dec-02 | Yes |
| CN | 2005-Jan-27 | 200580004595.7 | 2007-Feb-21 | CN 1918494 | 2008-Sep-03 | 100416317 | 2025-Jan-26 | Yes |
| CN | 2005-Mar-02 | 200580008748.5 | 2007-Aug-22 | CN 101023632 | 2010-Nov-03 | 200580008748.5 | 2025-Mar-01 | Yes |
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| CN | 2005-Aug-31 | 200580029947.4 | 2007-Aug-08 | CN 101015173 | 2013-Jun-19 | 200580029947.4 | 2025-Aug-31 | Yes |
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| CN | 2005-Oct-17 | 200580036314.6 | 2007-Oct-03 | CN 101049047 | 2009-Aug-19 | 200580036314.6 | 2025-Oct-16 | |
| CN | 2005-Oct-26 | 200580037105.3 | 2007-Oct-03 | CN 101049048 | 2009-Oct-14 | 200580037105.3 | 2025-Oct-25 | |
| CN | 2005-Nov-09 | 200580039474.6 | 2007-Oct-31 | CN 101065850 | 2009-Jan-07 | 200580039474.6 | 2025-Nov-08 | |
| CN | 2005-Nov-24 | 200580040875.3 | 2007-Oct-31 | CN 101065997 | 2013-Jan-30 | 200580040875.3 | 2025-Nov-23 | |
| CN | 2005-Nov-28 | 200580041872.1 | 2007-Nov-14 | CN 101073155 | 2010-Sep-29 | 200580041872.1 | 2025-Nov-27 | |
| CN | 2005-Dec-02 | 200580043765.2 | 2008-Jan-16 | CN 101107885 | 2011-Oct-12 | 200580043765.2 | 2025-Dec-01 | |
| CN | 2005-Dec-05 | 200580042337.8 | 2007-Nov-14 | CN 101073292 | | | 2025-Dec-05 | Yes |
| CN | 2006-Mar-08 | 200680007844.2 | 2008-Mar-05 | CN 101138279 | 2012-Mar-21 | 200680007844.2 | 2026-Mar-07 | Yes |
| CN | 2006-Mar-22 | 200680015601.3 | 2008-Jul-09 | CN 101218856 | 2012-Feb-29 | 200680015601.3 | 2026-Mar-21 | Yes |
| CN | 2006-Apr-03 | 200680019064.X | 2008-Jul-23 | CN 101228393 | 2010-Nov-10 | 200680019064.X | 2026-Apr-02 | |
| CN | 2006-Apr-19 | 200680014386.5 | 2008-Apr-23 | CN 101167408 | 2009-Sep-23 | 200680014386.5 | 2026-Apr-18 | |
| CN | 2006-May-10 | 200680017903.4 | 2008-May-14 | CN 101180563 | 2009-Oct-28 | 200680017903.4 | 2026-May-09 | |
| CN | 2006-May-11 | 200680018430.X | 2008-May-21 | CN 101185375 | 2010-Jun-16 | 200680018430.X | 2026-May-10 | |
| CN | 2006-May-24 | 200680017970.6 | 2008-May-14 | CN 101180921 | 2009-Oct-14 | 200680017970.6 | 2026-May-23 | |
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| CN | 2006-Jun-15 | 200680022831.2 | 2008-Jun-25 | CN 101208933 | | | 2026-Jun-15 | Yes |
| CN | 2006-Jul-05 | 200680025524.X | 2008-Jul-16 | CN 1012223823 | 2010-May-19 | 200680025524.X | 2026-Jul-04 | |
| CN | 2006-Aug-15 | 200680030671.6 | 2008-Aug-20 | CN 101248378 | 2011-Mar-09 | 200680030671.6 | 2026-Aug-14 | Yes |
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| CN | 2006-Oct-06 | 200680037840.9 | 2008-Oct-08 | CN 101283628 | 2012-May-30 | 200680037840.9 | 2026-Oct-05 | |
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| CN | 2007-Dec-12 | 200780046075.1 | 2009-Oct-14 | CN 101558688 | | | 2027-Dec-12 | |
| CN | 2007-Dec-14 | 200780047121.X | 2009-Oct-21 | CN 101563957 | 2013-Nov-06 | 200780047121.X | 2027-Dec-13 | Yes |
| CN | 2007-Dec-17 | 200780047557.9 | | | 2012-Nov-07 | 200780047557.9 | 2027-Dec-16 | |
| CN | 2008-Mar-12 | 201310120809.3 | | | 2015-Sep-02 | 201310120809.3 | 2028-Mar-11 | |
| CN | 2008-Mar-12 | 200880008270.X | | | 2013-Oct-14 | 200880008270.X | 2028-Mar-11 | Yes |
| CN | 2008-Mar-12 | 200880008301.1 | | | 2016-Sep-28 | 200880008301.1 | 2028-Mar-11 | |
| CN | 2008-Mar-12 | 201610671816.6 | 2017-Jan-04 | CN 106304474 | 2018-Oct-30 | 201610671816.6 | 2028-Mar-11 | |
| CN | 2008-Mar-12 | 200880008121.3 | | | 2013-Apr-10 | 200880008121.3 | 2028-Mar-11 | |
| CN | 2008-Mar-14 | 200880010928.0 | 2010-Feb-17 | CN 101652978 | 2016-Nov-16 | 200880010928.0 | 2028-Mar-13 | Yes |
| CN | 2008-Mar-19 | 200880009845.X | 2010-Feb-03 | CN 101641549 | | | 2028-Mar-19 | |
| CN | 2008-Mar-31 | 200880011084.1 | 2010-Mar-03 | CN 101663919 | 2013-Jul-24 | 200880011084.1 | 2028-Mar-30 | |
| CN | 2008-Apr-04 | 200880011268.8 | 2010-Feb-24 | CN 101657678 | 2014-Feb-26 | 200880011268.8 | 2028-Apr-03 | |
| CN | 2008-Apr-04 | 201410014897.3 | 2014-May-28 | CN 103822172 | 2017-Jul-28 | 201410014897.3 | 2028-Apr-03 | |
| CN | 2008-Apr-07 | 200880011805.9 | 2010-Feb-24 | CN 101657672 | 2013-Mar-27 | 200880011805.9 | 2028-Apr-06 | Yes |
| CN | 2008-Apr-11 | 200880012508.6 | 2010-Mar-03 | CN 101663769 | 2013-Feb-06 | 200880012508.6 | 2028-Apr-10 | |
| CN | 2008-Apr-21 | 200880013685.6 | 2010-Mar-10 | CN 101669404 | 2012-Mar-28 | ZL200880013685.6 | 2028-Apr-20 | |
| CN | 2008-Apr-23 | 200880013851.2 | 2010-Mar-10 | CN 101669405 | 2012-Jun-13 | 200880013851.2 | 2028-Apr-22 | |
| CN | 2008-Apr-23 | 200880014324.3 | 2010-Mar-17 | CN 101675711 | 2013-Jan-02 | 200880014324.3 | 2028-Apr-22 | |
| CN | 2008-Apr-28 | 200880014646.8 | 2010-Mar-17 | CN 101675712 | 2015-Nov-25 | 200880014646.8 | 2028-Apr-27 | |
| CN | 2008-Apr-28 | 200880014667.X | 2010-Mar-17 | CN 101675713 | 2013-Feb-06 | 200880014667.X | 2028-Apr-27 | Yes |
| CN | 2008-May-01 | 200880014392.X | 2010-Mar-17 | CN 101675288 | | | 2028-May-01 | |
| CN | 2008-May-01 | 201510394253.6 | 2016-Mar-23 | 105423169-A | 2018-Feb-23 | 201510394253.6 | 2028-Apr-30 | |
| CN | 2008-May-02 | 200880014787.X | 2010-Mar-17 | CN 101675290 | 2012-Dec-26 | 200880014787.X | 2028-May-01 | |
| CN | 2008-May-02 | 200880021634.8 | 2010-Mar-31 | CN 101688652 | 2012-May-30 | 200880021634.8 | 2028-May-01 | |
| CN | 2008-May-05 | 200880015503.9 | 2010-Mar-24 | CN 101681050 | | | 2028-May-05 | |
| CN | 2008-May-19 | 200880016872.X | 2008-Nov-27 | WO 2008/144672 | 2014-Dec-03 | 200880016872.X | 2028-May-18 | |
| CN | 2008-May-22 | 200880018068.5 | 2010-Mar-24 | CN 101678209 | | | 2028-May-22 | Yes |
| CN | 2008-May-26 | 200880018327.4 | 2010-Mar-24 | CN 101681059 | 2014-Mar-05 | 200880018327.4 | 2028-May-25 | |
| CN | 2008-May-30 | 200880019098.8 | 2010-Mar-24 | CN 101681598 | 2012-Nov-14 | 200880019098.8 | 2028-May-29 | |
| CN | 2008-Jun-23 | 200880022375.0 | 2010-Mar-31 | CN 101690396 | 2012-Dec-26 | 200880022375.0 | 2028-Jun-22 | |
| CN | 2008-Jun-30 | 200880023350.2 | 2010-Mar-31 | CN 101690397 | 2012-Jul-18 | 200880023350.2 | 2028-Jun-29 | |
| CN | 2008-Aug-01 | 201010271434.7 | 2011-Jan-26 | CN 101958391 | 2013-Jun-26 | 201010271434.7 | 2028-Jul-31 | |
| CN | 2008-Aug-01 | 200880001941.X | 2009-Nov-11 | CN 101578714 | 2011-Feb-09 | 200880001941.X | 2028-Jul-31 | |
| CN | 2008-Aug-14 | 200880103749.1 | 2010-Jul-21 | CN 101785362 | 2013-Mar-27 | 200880103749.1 | 2028-Aug-13 | |
| CN | 2008-Aug-22 | 200880104052.6 | 2010-Sep-01 | CN 101821864 | 2012-Jan-18 | 200880104052.6 | 2028-Aug-21 | Yes |
| CN | 2008-Aug-23 | 200880104017.4 | | | 2015-Sep-09 | ZL200880104017.4 | 2028-Aug-22 | |
| CN | 2008-Aug-28 | 200880105364.9 | 2010-Aug-04 | CN 101795860 | 2015-Jan-21 | 200880105364.9 | 2028-Aug-27 | Yes |
| CN | 2008-Sep-16 | 200880108802.7 | 2010-Aug-18 | CN 101809366 | 2013-Jan-02 | 200880108802.7 | 2028-Sep-15 | |
| CN | 2008-Sep-22 | 200880112539.9 | 2009-Mar-26 | WO 2009/039491 | 2014-Nov-05 | 200880112539.9 | 2028-Sep-21 | |
| CN | 2008-Sep-25 | 200810149743.X | 2010-Mar-31 | CN 101686587 A | 2015-Jan-28 | 200810149743.X | 2028-Sep-24 | |
| CN | 2008-Oct-08 | 200880110804.X | 2011-Aug-10 | CN 102149960 | 2014-May-07 | 200880110804.X | 2028-Oct-07 | |
| CN | 2008-Nov-03 | 200880114707.8 | 2010-Sep-29 | CN 101849434 | 2013-Nov-20 | 200880114707.8 | 2028-Nov-02 | Yes |
| CN | 2008-Nov-03 | 200880114523.1 | 2010-Sep-29 | CN 101849430 | 2012-Jul-18 | 200880114523.1 | 2028-Nov-02 | |
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| CN | 2008-Dec-16 | 200880121633.0 | 2010-Dec-01 | CN 101903825 | | | 2028-Dec-16 | |
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| CN | 2008-Dec-22 | 200880122363.5 | 2010-Dec-08 | CN 101910721 | 2013-Sep-25 | 200880122363.5 | 2028-Dec-21 | |
| CN | 2008-Dec-29 | 200880127692.9 | 2011-Jan-26 | CN 101960921 | 2014-Jan-08 | 200880127692.9 | 2028-Dec-28 | |
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| CN | 2009-Apr-29 | 200980116143.6 | 2011-Apr-13 | CN 102017796 | 2013-Jun-19 | 200980116143.6 | 2029-Apr-28 | |
| CN | 2009-May-20 | 200980120114.7 | 2011-May-04 | CN 102047156 | 2014-Mar-26 | 200980120114.7 | 2029-May-19 | |
| CN | 2009-May-27 | 200980120930.8 | 2011-May-11 | CN 102057722 | 2014-Mar-05 | 200980120930.8 | 2029-May-26 | Yes |
| CN | 2009-Jun-03 | 200980121770.9 | 2011-May-11 | CN 102057753 | 2013-Nov-06 | 200980121770.9 | 2029-Jun-02 | Yes |
| CN | 2009-Jun-12 | 200980121935.2 | 2011-May-18 | CN 102057213 | 2013-Jan-30 | 200980121935.2 | 2029-Jun-11 | Yes |
| CN | 2009-Jun-12 | 200980122021.8 | 2011-Jul-20 | 102132088 | | | 2029-Jun-12 | |
| CN | 2009-Jul-03 | 200980126862.6 | 2011-Jun-08 | CN 102088840 | 2014-Mar-05 | 200980126862.6 | 2029-Jul-02 | Yes |
| CN | 2009-Jul-10 | 200980126642.3 | 2011-Jun-08 | CN 102089578 | 2016-May-11 | 200980126642.3 | 2029-Jul-09 | |
| CN | 2009-Jul-16 | 200980128995.7 | 2011-Jun-22 | CN 102105980 | 2013-Jul-24 | 200980128995.7 | 2029-Jul-15 | Yes |
| CN | 2009-Jul-22 | 200980129902.2 | 2011-Jun-29 | CN 102113410- | 2013-Nov-06 | 200980129902.2 | 2029-Jul-21 | |
| CN | 2009-Jul-22 | 200980129904.1 | 2011-Jun-29 | CN 102113411 | 2015-May-20 | 200980129904.1 | 2029-Jul-21 | |
| CN | 2009-Aug-11 | 200980131248.9 | 2011-Jul-06 | CN 102119581 | 2017-Mar-22 | 200980131248.9 | 2029-Aug-10 | |
| CN | 2009-Aug-13 | 200980140502.1 | 2010-Feb-18 | WO2010-019810 | 2016-Oct-26 | 200980140502.1 | 2029-Aug-12 | |
| CN | 2009-Aug-24 | 200980134929.0 | 2011-Aug-24 | CN 102144430 | 2016-Sep-07 | 200980134929.0 | 2029-Aug-24 | |
| CN | 2009-Aug-31 | 201510371676.6 | 2015-Sep-30 | CN 104955232 | 2018-Feb-27 | 201510371676.6 | 2029-Aug-30 | Yes |
| CN | 2009-Aug-31 | 201510369182.4 | | | 2018-Jun-15 | 201510369182.4 | 2029-Aug-30 | Yes |
| CN | 2009-Aug-31 | 200980143361.9 | | | 2015-Jul-29 | 200980143361.9 | 2029-Aug-30 | Yes |
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| CN | 2009-Sep-16 | 200980137288.4 | 2011-Aug-24 | CN 102164480 | 2015-Jan-07 | 200980137288.4 | 2029-Sep-15 | Yes |
| CN | 2009-Sep-18 | 200980137771.2 | 2011-Aug-24 | CN 102165849 | 2016-Aug-03 | 200980137771.2 | 2029-Sep-17 | Yes |
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| CN | 2009-Nov-12 | 200980145939.4 | 2011-Oct-12 | CN 102216669 | 2015-Mar-18 | 200980145939.4 | 2029-Nov-11 | |

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| CN | 2009-Nov-12 | 201410110815.5 | 2014-Jul-23 | CN 103939768 | 2016-Nov-23 | 201410110815.5 | 2029-Nov-11 | |
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| CN | 2009-Nov-30 | 200980154251.2 | 2011-Dec-14 | 102272514 A | 2014-Aug-13 | 200980154251.2 | 2029-Nov-29 | |
| CN | 2010-Jan-04 | 201080004272.9 | 2011-Dec-07 | CN 102272515 | 2015-Jan-14 | 201080004272.9 | 2030-Jan-03 | |
| CN | 2010-Jan-05 | 201080004191.9 | 2011-Dec-07 | CN 102272511 | | | 2030-Jan-05 | |
| CN | 2010-Jan-12 | 201080006370.6 | 2012-Jan-06 | CN 102301824 | 2016-Jan-13 | 201080006370.6 | 2030-Jan-11 | Yes |
| CN | 2010-Feb-02 | 201080006746.3 | 2012-Jan-04 | CN 102308384 | 2015-Jun-17 | 201080006746.3 | 2030-Feb-01 | |
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| CN | 2010-Mar-11 | 201080011445.X | 2012-Feb-15 | CN 102349353 | 2016-Mar-16 | 201080011445.X | 2030-Mar-10 | |
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| CN | 2010-Mar-15 | 201080013707.6 | 2012-Feb-22 | 102362554-A | 2014-Nov-12 | 201080013707.6 | 2030-Mar-14 | |
| CN | 2010-Mar-30 | 201080015196.1 | 2012-Mar-14 | CN 102378928 | 2014-Aug-13 | 201080015196.1 | 2030-Mar-29 | |
| CN | 2010-Mar-31 | 201080015179.8 | 2012-Mar-14 | 102378801-A | 2014-Jun-04 | 201080015179.8 | 2030-Mar-30 | |
| CN | 2010-Apr-01 | 201080017771.1 | 2012-Apr-11 | CN 102415077 | 2014-Sep-24 | 201080017771.1 | 2030-Mar-31 | |
| CN | 2010-Apr-01 | 201020150788.1 | | | 2011-Apr-06 | 201020150788.1 | 2020-Apr-01 | |
| CN | 2010-Apr-01 | 201080019400.7 | 2012-Apr-11 | CN 102414504 | 2015-Sep-23 | 201080019400.7 | 2030-Apr-01 | Yes |
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| CN | 2010-Apr-22 | 201080003746.8 | | | 2014-Oct-22 | 201080003746.8 | 2030-Apr-21 | Yes |
| CN | 2010-Apr-23 | 201080019874.1 | 2012-May-22 | CN 102439351 | | | 2030-Apr-23 | |
| CN | 2010-May-05 | 201080022133.9 | 2012-May-02 | CN 102440070 | 2015-Aug-19 | 201080022133.9 | 2030-May-04 | |
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| CN | 2010-May-26 | 201080023299.2 | 2012-May-09 | CN 102449374 | 2016-May-11 | 201080023299.2 | 2030-May-25 | |
| CN | 2010-May-28 | 201080024477.3 | 2012-May-16 | CN 102461335 | 2016-Mar-02 | 201080024477.3 | 2030-May-27 | Yes |
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| CN | 2010-Jun-04 | 201080034802.4 | 2012-Nov-28 | CN 102804493 | 2015-Apr-29 | 201080034802.4 | 2030-Jun-03 | |
| CN | 2010-Jun-09 | 201080027146.5 | 2012-May-16 | CN 102460560 | 2015-Apr-01 | CN201080027146.5 | 2030-Jun-08 | |
| CN | 2010-Jun-11 | 201080027126.8 | 2012-Nov-28 | CN 102803845 | 2019-May-21 | 201080027126.8 | 2030-Jun-10 | |
| CN | 2010-Jun-14 | 201080027156.9 | 2012-May-16 | CN 102459991 | 2014-Jan-15 | 201080027156.9 | 2030-Jun-13 | |
| CN | 2010-Jun-15 | 201080027072.5 | 2012-Nov-28 | CN 102804917 | 2015-Aug-26 | 201080027072.5 | 2030-Jun-14 | |
| CN | 2010-Jun-22 | 201080028445.0 | 2012-Nov-28 | CN 102804919 | 2016-Jan-20 | 201080028445.0 | 2030-Jun-21 | |
| CN | 2010-Jun-30 | 201020245264.0 | | | 2011-Mar-30 | 201020245264.0 | 2020-Jun-30 | |
| CN | 2010-Jul-07 | 201610756097.8 | 2017-Feb-01 | CN 106376125 | 2019-Sep-03 | 201610756097.8 | 2030-Jul-06 | |
| CN | 2010-Jul-07 | 201080032098.9 | 2012-May-23 | CN 102473379 | 2016-Sep-21 | 201080032098.9 | 2030-Jul-06 | |
| CN | 2010-Jul-13 | 201010228247.0 | | | | | 2011-Aug-13 | Yes |
| CN | 2010-Jul-14 | 201080033508.1 | 2012-May-30 | CN 102484914 | 2015-Apr-22 | 201080033508.1 | 2030-Jul-13 | |
| CN | 2010-Jul-19 | 201080033334.9 | 2012-May-23 | CN 102474951 | 2015-Jan-14 | 201080033334.9 | 2030-Jul-18 | |
| CN | 2010-Jul-21 | 201080034046.5 | 2012-Jun-13 | CN 102498752 | 2015-Jan-14 | 201080034046.5 | 2030-Jul-20 | Yes |
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| CN | 2010-Aug-10 | 201080068037.8 | 2013-Mar-27 | CN 103004290 | 2016-Nov-16 | 201080068037.8 | 2030-Aug-09 | Yes |
| CN | 2010-Aug-13 | CN 201080046880.6 | 2012-Jul-25 | CN102612791A | 2015-Apr-08 | 201080046880.6 | 2030-Aug-12 | |
| CN | 2010-Aug-13 | CN 201080046791.1 | 2012-Jul-25 | CN 102612862 | 2015-Jun-03 | 201080046791.1 | 2030-Aug-12 | Yes |
| CN | 2010-Aug-13 | 201510072474.1 | 2015-Jun-17 | CN104717803 | 2017-Sep-05 | 201510072474.1 | 2030-Aug-12 | |
| CN | 2010-Aug-13 | CN 201510214363.X | 2015-Aug-26 | CN 104869703 | 2018-Jun-26 | CN 201510214363 | 2030-Aug-12 | Yes |
| CN | 2010-Aug-17 | 201080038003.4 | 2012-May-30 | CN 102484917 | 2015-Aug-19 | 201080038003.4 | 2030-Aug-16 | Yes |
| CN | 2010-Aug-18 | 201080038002.X | 2012-May-30 | CN 102484916 | 2014-Dec-31 | 201080038002.X | 2030-Aug-17 | |
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| CN | 2010-Aug-30 | 201080039304.9 | 2012-May-30 | CN 102483193 | | | 2030-Aug-30 | |
| CN | 2010-Sep-01 | 201080039303.4 | 2012-May-30 | CN 102484919 | 2015-May-13 | 201080039303.4 | 2030-Aug-31 | |
| CN | 2010-Sep-07 | 201080041547.6 | 2012-Jul-18 | 102598855-A | 2015-Dec-09 | 201080041547.6 | 2030-Sep-06 | |
| CN | 2010-Sep-09 | 201080008845.5 | 2012-Jan-18 | CN 102326024 | | | 2030-Sep-09 | |
| CN | 2010-Sep-10 | 201080041630.3 | 2012-Jul-11 | CN 102577635 | 2015-Mar-25 | 201080041630.3 | 2030-Sep-09 | Yes |
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| CN | 2010-Oct-07 | 201080055455.3 | 2012-Aug-22 | CN 102648664 | 2015-Apr-22 | 201080055455.3 | 2030-Oct-06 | |
| CN | 2010-Oct-18 | 201080048262.5 | 2012-Sep-12 | CN 102668710 | 2014-Jun-18 | 201080048262.5 | 2030-Nov-02 | |
| CN | 2010-Oct-26 | 201080047431.3 | 2012-Jul-11 | CN0102577624 | 2015-Jan-07 | 201080047431.3 | 2030-Oct-25 | |
| CN | 2010-Oct-29 | 201080050287.9 | 2012-Jul-18 | CN 102598495 | 2015-Aug-05 | 201080050287.9 | 2030-Oct-28 | Yes |
| CN | 2010-Oct-29 | 201080050243.6 | 2012-Jul-18 | CN 102598870 | 2015-Nov-25 | 201080050243.6 | 2030-Oct-28 | |
| CN | 2010-Nov-22 | 201080056793.9 | 2012-Aug-15 | CN 102639925_ | 2016-Aug-03 | 201080056793.9 | 2030-Nov-21 | |
| CN | 2010-Nov-30 | 201080055702.X | 2012-Aug-22 | CN 102648663 | 2016-Apr-06 | 201080055702.X | 2030-Nov-29 | |
| CN | 2010-Dec-10 | 201080057061.1 | 2012-Sep-19 | CN 102687590 | 2015-Dec-02 | 201080057061.1 | 2030-Dec-09 | |
| CN | 2010-Dec-13 | 201080060690.X | 2012-Sep-19 | CN 102686940 | 2016-Dec-21 | 201080060690.X | 2030-Dec-12 | |
| CN | 2011-Feb-28 | 201180011969.3 | 2012-Nov-21 | CN 102792086 | | | 2031-Feb-28 | |
| CN | 2011-Mar-01 | 201180014418.2 | 2013-Jan-23 | CN 102870497 | 2016-Mar-02 | 201180014418.2 | 2031-Feb-28 | Yes |
| CN | 2011-Mar-11 | 201180015737.5 | 2012-Dec-05 | CN 102812781 | 2016-May-11 | 201180015737.5 | 2031-Mar-10 | |
| CN | 2011-Apr-01 | 201180018239.6 | 2012-Dec-05 | CN 102812290 | 2016-Aug-03 | 201180018239.6 | 2031-Mar-31 | |
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| CN | 2011-Apr-13 | 201180028543.9 | 2013-Mar-27 | CN103003629 | 2017-Jul-18 | 201180028543.9 | 2031-Apr-12 | Yes |
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| CN | 2011-Apr-26 | 201180022768.3 | 2013-Feb-20 | CN 102939652 | 2016-Aug-03 | 201180022768.3 | 2031-Apr-25 | |
| CN | 2011-Apr-27 | 201180023482.7 | 2013-Jan-30 | CN 102906495 | 2016-Aug-24 | 201180023482.7 | 2031-Apr-26 | |
| CN | 2011-Jun-16 | 201180030113.0 | 2013-Feb-27 | CN 102948258 | 2016-Aug-03 | 201180030113.0 | 2031-Jun-15 | |

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| CN | 2011-Jun-20 | 201180033111.7 | 2013-Mar-13 | CN 102972098 | 2016-Jan-20 | 201180033111.7 | 2031-Jun-19 | Yes |
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| CN | 2011-Jul-14 | 201180035519.8 | 2013-Mar-27 | CN 103003618 | 2017-Feb-08 | 201180035519.8 | 2031-Jul-13 | |
| CN | 2011-Jul-29 | 201180037668.8 | | | 2016-Nov-30 | 201180037668.8 | 2031-Jul-28 | |
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| CN | 2011-Aug-05 | 201180042395.6 | 2013-Apr-24 | CN 103069746 | 2016-Aug-31 | 201180042395.6 | 2031-Aug-04 | |
| CN | 2011-Aug-11 | 201180039708.2 | 2013-May-15 | CN 103109127 | 2016-Apr-20 | 201180039708.2 | 2031-Aug-10 | |
| CN | 2011-Sep-05 | 201180043419.X | 2013-May-01 | CN 103081573 | 2015-Jan-28 | 201180043419.X | 2031-Sep-04 | Yes |
| CN | 2011-Sep-19 | 201410511063.3 | 2014-Dec-31 | 104251462 | 2016-Oct-26 | 201410511063.3 | 2031-Sep-18 | Yes |
| CN | 2011-Sep-19 | 201180046901.9 | 2013-Jul-10 | CN 103201555 | 2016-May-11 | 201180046901.9 | 2031-Sep-18 | Yes |
| CN | 2011-Oct-12 | 201180050905.4 | 2013-Jun-19 | CN 103168196 | 2016-Mar-02 | 201180050905.4 | 2031-Oct-11 | Yes |
| CN | 2011-Oct-27 | 201120415687.7 | | | 2012-Aug-08 | 201120415687.7 | 2021-Oct-27 | |
| CN | 2011-Nov-15 | 201180056689.4 | 2013-Jul-24 | CN 103222339 | 2016-Mar-16 | 201180056689.4 | 2031-Nov-14 | |
| CN | 2011-Nov-16 | 201180055250.X | | | 2016-Apr-06 | 201180055250.X | 2031-Nov-15 | |
| CN | 2011-Nov-22 | 201180056192.2 | 2013-Aug-28 | CN 103270811 | 2016-Jun-08 | 201180056192.2 | 2031-Nov-21 | |
| CN | 2011-Dec-01 | 201180060912.2 | 2013-Aug-28 | CN 103270812 | 2016-Aug-10 | 201180060912.2 | 2031-Nov-30 | Yes |
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| CN | 2011-Dec-09 | 201610306334.0 | 2016-Aug-17 | CN 105864664 | 2020-Nov-20 | 201610306334.0 | 2031-Dec-09 | |
| CN | 2011-Dec-14 | 201180062420.7 | 2013-Sep-11 | CN 103299713 | 2016-Aug-24 | 201180062420.7 | 2031-Dec-13 | Yes |
| CN | 2011-Dec-16 | 201180067689.4 | | | 2016-Jun-15 | 201180067689.4 | 2031-Dec-15 | Yes |
| CN | 2012-Jan-11 | 201280005383.0 | 2013-Sep-18 | CN 103314257 | 2017-Apr-26 | 201280005383.0 | 2032-Jan-10 | |
| CN | 2012-Jan-16 | 201280006408.9 | 2013-Dec-18 | CN 103460811 | 2016-Mar-30 | 201280006408.9 | 2032-Jan-15 | Yes |
| CN | 2012-Jan-20 | CN201280009746.8 | 2014-Apr-09 | CN 103718411 | 2016-Nov-09 | 201280009746.8 | 2032-Jan-19 | Yes |
| CN | 2012-Feb-01 | 201280007656.5 | 2013-Nov-20 | CN 103403439 | 2016-Oct-19 | 201280007656.5 | 2032-Jan-31 | |
| CN | 2012-Mar-12 | 201280013696.0 | 2013-Dec-11 | CN 103444263 | 2016-Sep-21 | 201280013696.0 | 2032-Mar-11 | |
| CN | 2012-Mar-15 | 201280014767.9 | 2014-Jan-08 | CN 103502728 | 2019-Jan-01 | 201280014767.9 | 2032-Mar-14 | Yes |
| CN | 2012-Mar-22 | 201280016491.8 | 2013-Dec-18 | CN 103459921 | 2016-Nov-02 | 201280016491.8 | 2032-Mar-21 | |
| CN | 2012-Mar-23 | 201280016613.3 | 2013-Dec-04 | CN 103430627 | 2015-Nov-25 | 201280016613.3 | 2032-Mar-22 | |
| CN | 2012-Mar-27 | 201280016137.5 | 2013-Dec-25 | CN 103477710 | 2016-Dec-28 | 201280016137.5 | 2032-Mar-26 | |
| CN | 2012-Mar-28 | 201280016145.X | 2013-Dec-18 | CN 103460801 | 2016-Jun-08 | 201280016145.X | 2032-Mar-27 | Yes |
| CN | 2012-Mar-28 | 201280017097.6 | 2013-Dec-18 | CN 103460802 | 2016-Aug-17 | 201280017097.6 | 2032-Mar-27 | Yes |
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| CN | 2012-Apr-17 | 201280021948.4 | 2014-Jan-08 | CN 103503179 | 2016-Nov-02 | 201280021948.4 | 2032-Apr-16 | |
| CN | 2012-May-11 | 201280024008.0 | 2014-Jan-29 | CN 103548419 | 2016-Oct-26 | 201280024008.0 | 2032-May-10 | Yes |
| CN | 2012-May-14 | 201280023861.0 | 2014-Jan-22 | CN 103535114 | 2016-Nov-16 | 201280023861.0 | 2032-May-13 | |
| CN | 2012-May-30 | 201280026293.X | 2014-Feb-05 | CN 103562624 | 2017-Jan-18 | 201280026293.X | 2032-May-29 | Yes |
| CN | 2012-May-31 | 201280029102.5 | 2014-Feb-19 | 103597279A | 2016-Aug-31 | 201280029102.5 | 2032-May-30 | Yes |
| CN | 2012-Jun-11 | 201280029103.X | 2014-Feb-26 | CN 103609201 | 2017-Jan-18 | 201280029103.X | 2032-Jun-10 | Yes |
| CN | 2012-Jun-13 | 201280029662.0 | 2014-Mar-12 | CN 103635743 | 2017-Apr-12 | 201280029662.0 | 2032-Jun-12 | Yes |
| CN | 2012-Jun-15 | 201280029661.6 | 2014-Mar-12 | CN 103636011 | 2017-Oct-27 | 201280029661.6 | 2032-Jun-14 | Yes |
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| CN | 2012-Jul-05 | 201280034538.3 | 2014-Mar-19 | CN 103650279 | 2016-Dec-14 | 201280034538.3 | 2032-Jul-04 | |
| CN | 2012-Jul-23 | 201280038225.5 | 2014-Apr-02 | CN 103703314 | 2018-Jul-24 | 201280038225.5 | 2032-Jul-22 | Yes |
| CN | 2012-Jul-24 | 201280036714.7 | 2014-Apr-09 | CN 103718647 | 2017-May-17 | 201280036714.7 | 2032-Jul-23 | |
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| CN | 2012-Aug-02 | 201280039943.4 | 2014-Apr-23 | CN 103748961 | 2017-Sep-22 | 201280039943.4 | 2032-Aug-01 | |
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| CN | 2012-Aug-03 | 201280038135.6 | 2014-Apr-09 | 103717964A | 2017-Jun-27 | 201280038135.6 | 2032-Aug-02 | Yes |
| CN | 2012-Aug-30 | 201280055777.7 | 2014-Jul-23 | CN 103947289 | 2017-Mar-01 | 201280055777.7 | 2032-Aug-29 | |
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| CN | 2012-Oct-05 | 201280049139.4 | 2014-Jun-04 | CN 103843287 | 2017-Oct-03 | 201280049139.4 | 2032-Oct-04 | |
| CN | 2012-Oct-12 | 201280050607.X | 2014-Jul-09 | CN 103918349 | 2016-Dec-28 | 201280050607.X | 2032-Oct-11 | |
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| CN | 2012-Nov-09 | 201280052122.4 | | | 2017-Jun-30 | 201280052122.4 | 2032-Nov-08 | |
| CN | 2012-Nov-16 | 201280056423.4 | 2014-Jul-16 | CN 103930714 | 2016-Aug-24 | 201280056423.4 | 2032-Nov-15 | |
| CN | 2012-Dec-04 | 201280061479.9 | 2014-Aug-13 | CN 103988110 | 2018-Sep-28 | 201280061479.9 | 2032-Dec-03 | Yes |
| CN | 2012-Dec-10 | 201280063925.X | 2014-Aug-20 | CN 103998855 | 2018-May-08 | 201280063925.X | 2032-Dec-09 | Yes |
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| CN | 2013-Jan-02 | 201380004266.7 | 2014-Aug-27 | CN 104012178 | 2017-Mar-15 | 201380004266.7 | 2033-Jan-01 | |
| CN | 2013-Jan-02 | 201380003666.6 | 2014-Nov-05 | CN 104137650 | 2017-Feb-22 | 201380003666.6 | 2033-Jan-01 | |
| CN | 2013-Jan-04 | 201380004862.5 | 2014-Oct-22 | CN 104115385 | 2017-Jul-21 | 201380004862.5 | 2033-Jan-03 | Yes |
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| CN | 2013-Jan-10 | 201380005278.1 | 2014-Sep-10 | CN 104040242 | 2018-Sep-25 | 201380005278.1 | 2033-Jan-09 | |
| CN | 2013-Jan-25 | 201380007881.3 | 2014-Oct-08 | CN 104094668 | 2016-May-04 | 201380007881.3 | 2033-Jan-24 | |
| CN | 2013-Jan-25 | 201380007634.3 | 2014-Oct-22 | CN 104115560 | 2017-Dec-26 | 201380007634.3 | 2033-Jan-24 | |
| CN | 2013-Feb-08 | 201380004446.5 | 2014-Sep-03 | CN 104025711 | 2016-Aug-24 | 201380004446.5 | 2033-Feb-07 | |
| CN | 2013-Feb-22 | 201380013185.3 | 2014-Nov-12 | CN 104145529 | 2016-Nov-16 | 201380013185.3 | 2033-Feb-21 | |
| CN | 2013-Feb-22 | 201380010771.2 | 2014-Nov-05 | CN 104137652 | 2017-Jun-30 | 201380010771.2 | 2033-Feb-21 | |

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| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|----------------|-------------|----------------|-------------|-------------------|
| CN | 2013-Mar-04 | 201380012971.1 | 2014-Nov-19 | CN 104160787 | 2017-Aug-01 | 201380012971.1 | 2033-Mar-03 | Yes |
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| CN | 2013-Mar-08 | 201380015522.2 | 2015-Jan-28 | CN 104322145 | 2017-Apr-26 | 201380015522.2 | 2033-Mar-07 | |
| CN | 2013-Mar-11 | 201380015141.4 | 2014-Dec-10 | CN 104206011 | 2017-May-24 | 201380015141.4 | 2033-Mar-10 | |
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| CN | 2013-Apr-25 | 201380023197.4 | 2015-Jan-07 | CN 104272869 | 2018-Jun-29 | 201380023197.4 | 2033-Apr-24 | |
| CN | 2013-Apr-26 | 201380024396.7 | 2015-Jan-07 | CN 104272873 | 2017-Sep-15 | 201380024396.7 | 2033-Apr-25 | |
| CN | 2013-May-06 | 201380025576.7 | 2015-Jan-21 | CN 104303597 | 2017-Dec-15 | 201380025576.7 | 2033-May-05 | Yes |
| CN | 2013-May-08 | 201380024392.9 | 2015-Jan-07 | CN 104272872 | 2017-May-10 | 201380024392.9 | 2033-May-07 | Yes |
| CN | 2013-May-08 | 201380024936.1 | 2015-Jan-21 | CN 104302968 | 2017-Sep-22 | 201380024936.1 | 2033-May-07 | Yes |
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| CN | 2013-May-22 | 201380029599.5 | 2015-Feb-18 | CN 104364874 | 2016-Dec-14 | 201380029599.5 | 2033-May-21 | |
| CN | 2013-May-28 | 201380027974.2 | 2015-Jan-28 | CN 104322148 | 2016-Nov-23 | 201380027974.2 | 2033-May-27 | Yes |
| CN | 2013-Jun-04 | 201320321844.7 | | | 2014-Jun-25 | 201320321844.7 | 2023-Jun-03 | Yes |
| CN | 2013-Jun-04 | 201310225938.9 | 2013-Dec-25 | CN 103470970 | 2018-Jan-12 | 201310225938.9 | 2033-Jun-03 | Yes |
| CN | 2013-Jun-17 | 201380025221.8 | 2015-Jan-21 | CN 104303406 | 2017-Apr-12 | 201380025221.8 | 2033-Jun-16 | |
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| CN | 2013-Jun-26 | 201380034179.6 | 2015-Mar-18 | CN 104429160 | 2017-Aug-25 | 201380034179.6 | 2033-Jun-25 | |
| CN | 2013-Jul-04 | 201811359764.4 | 2019-Apr-12 | CN 109618445 | 2023-Feb-21 | 201811359764.4 | 2033-Jul-03 | Yes |
| CN | 2013-Jul-08 | 201380036809.3 | 2015-Mar-18 | CN 104427857 | 2018-Apr-24 | 201380036809.3 | 2033-Jul-07 | Yes |
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| CN | 2013-Jul-12 | 201380038660.2 | 2015-Apr-01 | CN 104488361 | 2017-Mar-08 | 201380038660.2 | 2033-Jul-11 | Yes |
| CN | 2013-Jul-12 | 201380038222.6 | 2015-Apr-29 | CN 104584689 | 2017-Sep-22 | 201380038222.6 | 2033-Jul-11 | |
| CN | 2013-Jul-15 | 201380039989.0 | 2015-Apr-01 | CN 104488357 | 2017-Aug-01 | 201380039989.0 | 2033-Jul-14 | Yes |
| CN | 2013-Jul-24 | 201380039731.0 | | | 2017-Nov-03 | 201380039731.0 | 2033-Jul-23 | |
| CN | 2013-Aug-20 | 201320508008.X | | | 2014-Mar-12 | 201320508008.X | 2023-Aug-19 | |
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| CN | 2013-Sep-17 | 201380048298.7 | 2015-May-20 | CN 104641175 | 2018-Aug-10 | 201380048298.7 | 2033-Sep-16 | |
| CN | 2013-Sep-24 | 201380026814.6 | 2015-Jan-28 | CN 104322147 | 2017-Nov-21 | 201380026814.6 | 2033-Sep-23 | |
| CN | 2013-Oct-17 | 201380055754.0 | 2015-Jul-01 | CN 104755831 | 2018-Nov-20 | 201380055754.0 | 2033-Oct-16 | Yes |
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| CN | 2013-Nov-06 | 201380069330.X | 2015-Sep-16 | CN 104919242 A | 2019-Mar-12 | 201380069330.X | 2033-Nov-05 | |
| CN | 2013-Dec-02 | 201380065409.5 | 2015-Aug-26 | CN 104871642 | 2017-Jul-07 | 201380065409.5 | 2033-Dec-01 | |
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| CN | 2014-Feb-17 | 201480009325.4 | 2015-Oct-28 | CN 105008788 | 2019-Feb-19 | 201480009325.4 | 2034-Feb-16 | Yes |
| CN | 2014-Mar-11 | 201480026675.1 | 2016-Jan-27 | CN 105265017 | 2017-Sep-08 | 201480026675.1 | 2034-Mar-10 | Yes |
| CN | 2014-Mar-12 | 201480016910.7 | 2015-Dec-23 | CN 105191505 | 2019-Jan-15 | 201480016910.7 | 2034-Mar-11 | Yes |
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| CN | 2014-Apr-01 | 201480068101.0 | 2016-Aug-17 | CN 105874264A | 2018-Sep-14 | 201480068101.0 | 2034-Mar-31 | |
| CN | 2014-Apr-02 | 201480019559.7 | 2015-Dec-16 | CN 105165120 | 2018-Mar-27 | 201480019559.7 | 2034-Apr-01 | |
| CN | 2014-Apr-21 | 201480025186.4 | 2015-Dec-23 | CN 105191498 | 2018-Mar-30 | 201480025186.4 | 2034-Apr-20 | Yes |
| CN | 2014-Apr-21 | 201480023350.8 | 2015-Dec-09 | CN 105143763 | 2019-May-14 | 201480023350.8 | 2034-Apr-20 | Yes |
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| CN | 2014-Jun-04 | 201710959762.8 | 2018-Feb-27 | CN 107743321 | 2019-Oct-15 | 201710959762.8 | 2034-Jun-04 | |
| CN | 2014-Jun-04 | 201480031965.5 | 2016-Jan-20 | CN 105265018 | 2017-Nov-17 | 201480031965.5 | 2034-Jun-03 | |
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| CN | 2014-Jun-27 | 201480038206.1 | 2016-Feb-24 | CN 105359627 | 2018-Aug-17 | 201480038206.1 | 2034-Jun-26 | Yes |
| CN | 2014-Jul-03 | 201480042077.3 | 2016-Mar-16 | CN 105408675 | 2019-Feb-19 | 201480042077.3 | 2034-Jul-02 | Yes |
| CN | 2014-Jul-09 | 201480043272.8 | 2016-Mar-23 | CN 105432145 | 2018-Jan-26 | 201480043272.8 | 2034-Jul-08 | |
| CN | 2014-Jul-16 | 201480041848.7 | 2016-Mar-23 | CN 105432144 | 2017-Aug-11 | 201480041848.7 | 2034-Jul-15 | Yes |
| CN | 2014-Jul-18 | 201480043024.3 | 2016-May-04 | CN 105556197 | 2019-Feb-01 | 201480043024.3 | 2034-Jul-17 | Yes |
| CN | 2014-Jul-23 | 201480043274.7 | 2016-Mar-23 | CN 105432146 | 2018-Jun-08 | 201480043274.7 | 2034-Jul-22 | |
| CN | 2014-Aug-14 | 201480046309.2 | 2016-Apr-27 | CN 105531528 | 2019-Aug-09 | 201480046309.2 | 2034-Aug-13 | Yes |
| CN | 2014-Aug-18 | 201480036351.6 | 2016-Feb-10 | CN 105325059 | 2017-Mar-08 | 201480036351.6 | 2034-Aug-17 | Yes |
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| CN | 2014-Aug-22 | 201480047535.2 | 2016-Jul-20 | CN 105794324 | 2018-Nov-06 | 201480047535.2 | 2034-Aug-21 | Yes |
| CN | 2014-Aug-29 | 201480034092.3 | 2016-Feb-10 | CN 105325058 | 2017-Mar-08 | 201480034092.3 | 2034-Aug-28 | Yes |
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| CN | 2014-Dec-05 | 201480066454.7 | 2016-Jul-20 | CN 105794317 | 2018-Nov-09 | 201480066454.7 | 2034-Dec-04 | Yes |
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| CN | 2015-Feb-13 | 201580010960.9 | 2016-Nov-23 | CN 106165537 | 2019-Jan-01 | 201580010960.9 | 2035-Feb-12 | Yes |
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| CN | 2015-Mar-11 | 201580001004.4 | 2016-Jan-27 | CN 105283706 | 2017-Mar-15 | 201580001004.4 | 2035-Mar-10 | Yes |
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| CN | 2015-May-27 | 201580031054.7 | 2017-May-24 | CN 106717115 | 2018-Dec-07 | 201580031054.7 | 2035-May-26 | Yes |
| CN | 2015-May-28 | 201580029224.8 | 2017-Feb-22 | CN 106461165 A | 2019-Oct-08 | 201580029224.8 | 2035-May-27 | |
| CN | 2015-Jun-01 | 201590000772.3 | | | 2017-Oct-24 | 201590000772.3 | 2025-May-31 | |
| CN | 2015-Jun-02 | 201580012384.1 | 2016-Nov-09 | CN 106104147 | 2019-Nov-15 | 201580012384.1 | 2035-Jun-02 | Yes |
| CN | 2015-Jun-08 | 201580002837.2 | 2016-Jul-20 | CN 105794318 | 2018-Jan-16 | 201580002837.2 | 2035-Jun-07 | |
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| CN | 2015-Jun-24 | 201580036637.9 | 2017-Mar-01 | 106471710 | 2020-Sep-29 | 201580036637.9 | 2035-Jun-23 | |
| CN | 2015-Jul-02 | 201580016489.4 | 2016-Nov-23 | CN 106164584 | 2019-Jan-18 | 201580016489.4 | 2035-Jul-01 | Yes |
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| CN | 2015-Jul-08 | 201580038771.2 | 2017-Aug-18 | CN 107079562 | 2019-Jul-09 | 201580038771.2 | 2035-Jul-07 | Yes |
| CN | 2015-Jul-10 | 201580039915.6 | 2017-Mar-22 | 106537027-A | 2020-Feb-11 | 201580039915.6 | 2035-Jul-10 | Yes |
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| CN | 2015-Jul-16 | 201580039897.1 | 2017-Mar-22 | 106537025-A | 2020-Feb-21 | 201580039897.1 | 2035-Jul-16 | |
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| CN | 2016-Apr-20 | 201680023925.5 | 2018-Jan-23 | CN 107624267 | 2019-Nov-15 | 201680023925.5 | 2036-Apr-20 | |
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| CN | 2016-Jun-08 | 201680035802.3 | 2018-Mar-06 | CN 107771414 | 2020-May-19 | 201680035802.3 | 2036-Jun-08 | Yes |
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| CN | 2017-Mar-20 | 201780019200.3 | 2018-Nov-23 | CN 108886862 | 2020-Jun-30 | 201780019200.3 | 2037-Mar-19 | Yes |
| CN | 2017-Mar-29 | 201780040719.X | | WO2017/204898 | 2021-Mar-12 | 201780040719.X | 2037-Mar-28 | |
| CN | 2017-Apr-04 | 201780035027.6 | 2019-Feb-05 | CN 109315041 | 2022-Jan-21 | 201780035027.6 | 2037-Apr-03 | Yes |
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| CN | 2020-Sep-17 | 202410257856.0 | 2024-Jun-21 | CN 118224553 | | | | Yes |
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| DE | 1998-Jul-16 | 98929590.2 | 1999-Jul-21 | EP 0929992 | 2003-Aug-06 | 69816958.1 | 2018-Jul-16 | |
| DE | 1998-Jul-16 | 98929597.7 | 1999-Jul-21 | EP 0929993 | 2004-Oct-06 | 69826825.3 | 2018-Jul-16 | |
| DE | 1998-Jul-27 | 98932457.9 | 1999-Jul-21 | EP 0929994 | 2003-Jul-02 | 69816023.1 | 2018-Jul-27 | |
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| DE | 1998-Aug-26 | 98944539.0 | | | 2002-Aug-07 | 69807092.5 | 2018-Aug-26 | |
| DE | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| DE | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
| DE | 1999-Jun-17 | 99922465.2 | 2000-Sep-13 | EP 1034690 | 2003-Oct-29 | 69912391.7 | 2019-Jun-17 | |
| DE | 1999-Sep-03 | 99943116.6 | | | 2003-Nov-05 | 69912623.1 | 2019-Sep-03 | |
| DE | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 699 45 014.4 | 2019-Sep-03 | |
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| DE | 2000-Mar-10 | 00914124.3 | | | 2007-Apr-18 | 60034405.3 | 2020-Mar-10 | |
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| DE | 2000-Aug-07 | 00958400.4 | | | 2007-Nov-21 | 60037178.6 | 2020-Aug-07 | |
| DE | 2000-Sep-15 | 00964189.5 | 2001-Oct-04 | EP 1138177 | 2004-Dec-01 | 60016377.6 | 2020-Sep-15 | |
| DE | 2000-Oct-10 | 00972733.0 | 2001-Oct-10 | EP 1142452 | 2004-Mar-10 | 60008854.5 | 2020-Oct-10 | |
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| DE | 2000-Nov-17 | 00979608.7 | 2001-Nov-21 | EP 1155455 | 2015-Aug-26 | 600 49 056.4 | 2020-Nov-17 | |
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| DE | 2001-Aug-14 | 01203099.5 | | | 2009-Oct-14 | 60140161.1 | 2021-Aug-14 | |

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| DE | 2003-Dec-01 | 10356608.2 | 2004-Jun-17 | DE 10356608 A1 | 2017-Sep-28 | 10356608 | 2023-Dec-01 | |
| DE | 2003-Dec-11 | 15174964.5 | 2016-Jan-06 | EP 2964000 | 2022-Oct-05 | 603 52 735.3 | 2023-Dec-11 | |
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| DE | 2004-Apr-22 | 04728861.8 | | | 2007-Mar-07 | 602004005180.2 | 2024-Apr-22 | |
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| DE | 2004-Sep-07 | 11171721.1 | 2011-Oct-05 | EP 2372765 | 2020-Nov-11 | 60 2004 054 863.4 | 2024-Sep-07 | |
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| DE | 2004-Dec-03 | 04801456.7 | | | 2010-Sep-01 | 602004028960.4 | 2024-Dec-03 | Yes |
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| DE | 2005-Jan-14 | 05100195.6 | 2005-Aug-31 | EP 1569283 | 2013-Mar-13 | 60 2005 038 534.7 | 2025-Jan-14 | Yes |
| DE | 2005-Jan-27 | 05702810.2 | 2006-Nov-02 | EP 1716437 | 2018-Jan-17 | 60 2005 053 389.3 | 2025-Jan-27 | Yes |
| DE | 2005-Mar-02 | 05724343.8 | 2006-Dec-13 | EP 1729615 | 2019-May-08 | 60 2005 055 746.6 | 2025-Mar-02 | |
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| DE | 2005-Mar-23 | 05709077.1 | 2007-Jan-10 | EP 1740879 | 2013-May-15 | 60 2005 039 563.6 | 2025-Mar-23 | |
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| DE | 2005-May-02 | 05733786.7 | 2007-Jan-24 | EP 1745681 | 2014-Nov-26 | 60 2005 045 279.6 | 2025-May-02 | |
| DE | 2005-May-30 | 05104602.7 | 2005-Dec-14 | EP 1605199 | 2018-Jul-11 | 60 2005 054 235.3 | 2025-May-30 | |
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| DE | 2007-Mar-08 | 07710709.2 | 2008-Dec-03 | EP 1996857 | 2016-May-25 | 60 2007 046 423.4 | 2027-Mar-08 | |
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| DE | 2008-Aug-22 | 08789621.3 | 2010-Jun-09 | EP 2193549 | 2019-Jan-09 | 60 2008 058 699.5 | 2028-Aug-22 | Yes |
| DE | 2008-Aug-28 | 08807484.4 | 2010-Jun-02 | EP 2190664 | 2016-Mar-16 | 60 2008 042 900.8 | 2028-Aug-28 | Yes |
| DE | 2008-Sep-16 | 08807680.7 | 2010-Jul-07 | EP 2203679 | 2012-May-30 | 602008016058.0 | 2028-Sep-16 | |
| DE | 2008-Oct-08 | 08838302.1 | 2010-Jul-21 | EP 2207998 | 2015-Sep-16 | 60 2008 040 227.4 | 2028-Oct-08 | |
| DE | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 60 2008 054 174.6 | 2028-Oct-08 | |
| DE | 2008-Nov-03 | 08846739.4 | 2010-Jul-21 | EP 2208397 | 2018-Oct-03 | 60 2008 057 272.2 | 2028-Nov-03 | Yes |
| DE | 2008-Nov-24 | 08855505.7 | 2010-Aug-18 | EP 2218308 | 2013-Jun-19 | 602008025505.0 | 2028-Nov-24 | |
| DE | 2008-Dec-16 | 08862035.6 | 2010-Oct-06 | EP 2235589 | 2018-Jul-25 | 60 2008 056 176.3 | 2028-Dec-16 | |
| DE | 2008-Dec-16 | 08865696.2 | 2010-Sep-08 | EP 2225916 | 2017-May-10 | 60 2008 050 271.6 | 2028-Dec-16 | Yes |
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| DE | 2008-Dec-29 | 08870459.8 | 2010-Sep-22 | EP 2229803 | 2011-Oct-26 | 602008010974.7 | 2028-Dec-29 | |
| DE | 2009-Jan-13 | 09702240.4 | 2010-Sep-22 | EP 2229228 | 2014-Jul-16 | 60 2009 025 298.4 | 2029-Jan-13 | Yes |
| DE | 2009-Apr-21 | 09738502.5 | 2011-Jan-26 | EP 2277357 | 2015-Apr-15 | 60 2009 030 666.9 | 2029-Apr-21 | |
| DE | 2009-Apr-29 | 09742495.6 | 2011-Jan-19 | EP 2274956 | 2011-Nov-23 | 602009003847.8 | 2029-Apr-29 | |
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| DE | 2009-Aug-11 | 09786892.1 | 2011-Apr-20 | EP 2311299 | 2013-Mar-13 | 60 2009 013 974.6 | 2029-Aug-11 | |
| DE | 2009-Aug-13 | 09807313.3 | 2010-Feb-18 | EP2326870 | 2017-Jan-25 | 602009043996.0 | 2029-Aug-13 | |

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| DE | 2009-Sep-02 | 18205881.8 | 2019-Jun-12 | EP 3496511 | 2021-Feb-24 | 60 2009 063 390.2 | 2029-Sep-02 | |
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| DE | 2011-Jul-29 | 17200852.6 | 2018-Jul-11 | EP 3346593 | 2019-Sep-11 | 60 2011 062 091.6 | 2031-Jul-29 | |
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| DE | 2013-Jan-02 | 13703876.6 | 2014-Nov-12 | EP 2801240 | 2016-Apr-06 | 60 2013 006 215.3 | 2033-Jan-02 | |
| DE | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 60 2013 006 216.1 | 2033-Jan-02 | |
| DE | 2013-Jan-10 | 13705570.3 | 2014-Nov-19 | EP 2802805 | 2017-Oct-18 | 60 2013 028 057.6 | 2033-Jan-10 | |
| DE | 2013-Jan-25 | 13710564.9 | 2014-Dec-10 | EP 2810534 | 2019-Nov-06 | 60 2013 062 504.2 | 2033-Jan-25 | |
| DE | 2013-Jan-25 | 13709554.3 | 2014-Dec-10 | EP 2810533 | 2015-Aug-05 | 60 2013 002 530.4 | 2033-Jan-25 | |
| DE | 2013-Jan-30 | 13711957.4 | 2014-Dec-24 | EP 2815633 | 2016-Dec-14 | 60 2013 015 308.6 | 2033-Jan-30 | Yes |
| DE | 2013-Jan-30 | 16200531.8 | 2017-Jun-17 | EP 3182807 | 2020-Aug-12 | 60 2013 071 663.3 | 2033-Jan-30 | Yes |
| DE | 2013-Feb-08 | 13713975.4 | 2014-Oct-08 | EP 2786640 | 2015-Jul-22 | 602013002380.8 | 2033-Feb-08 | |
| DE | 2013-Feb-22 | 13717318.3 | 2014-Dec-31 | EP 2818028 | 2017-Apr-12 | 60 2013 019 732.6 | 2033-Feb-22 | |
| DE | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 60 2013 053 636.8 | 2033-Feb-22 | |
| DE | 2013-Mar-04 | 13718392.7 | 2015-Jan-14 | EP 2823692 | 2018-May-16 | 60 2013 037 494.5 | 2033-Mar-04 | Yes |
| DE | 2013-Mar-06 | 13718394.3 | 2015-Jan-21 | EP 2825820 | 2018-Jan-03 | 60 2013 031 613.9 | 2033-Mar-06 | Yes |
| DE | 2013-Mar-07 | 13720567.0 | 2015-Feb-04 | EP 2832183 | 2016-May-18 | 60 2013 007 675.8 | 2033-Mar-07 | |
| DE | 2013-Mar-08 | 13721393.0 | 2015-Jan-28 | EP 2829158 | 2016-May-18 | 60 2013 007 680.4 | 2033-Mar-08 | |
| DE | 2013-Mar-11 | 13722822.7 | 2015-Jan-28 | EP 2829159 | 2020-Aug-26 | 60 2013 071 941.1 | 2033-Mar-11 | |
| DE | 2013-Apr-04 | 13724395.2 | 2015-Feb-11 | EP 2834842 | 2018-Jul-04 | 60 2013 039 697.3 | 2033-Apr-04 | |

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| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
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| DE | 2013-Apr-04 | 18167770.9 | 2018-Oct-03 | EP 3382755 | 2020-Jan-08 | 60 2013 065 034.9 | 2033-Apr-04 | |
| DE | 2013-Apr-16 | 13726598.9 | 2015-Feb-25 | EP 2839204 | 2016-Dec-14 | 60 2013 015 332.9 | 2033-Apr-16 | |
| DE | 2013-Apr-25 | 13727651.5 | 2015-Mar-11 | EP 2845445 | 2021-Aug-11 | 60 2013 078 743.3 | 2033-Apr-25 | |
| DE | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 60 2013 047 427.3 | 2033-Apr-26 | |
| DE | 2013-May-06 | 13729464.1 | 2015-Mar-25 | EP 2850917 | 2017-Feb-22 | 60 2013 017 673.6 | 2033-May-06 | Yes |
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| DE | 2013-May-28 | 13734200.2 | 2015-Apr-08 | EP 2856843 | 2017-Apr-12 | 60 2013 019 756.3 | 2033-May-28 | Yes |
| DE | 2013-Jun-17 | 13750382.7 | 2015-May-06 | EP 2867982 | 2016-Mar-16 | 60 2013 005 585.8 | 2033-Jun-17 | |
| DE | 2013-Jun-18 | 13758989.1 | 2015-May-06 | EP 2868162 | 2019-Mar-06 | 60 2013 051 852.1 | 2033-Jun-18 | Yes |
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| DE | 2013-Oct-17 | 13818799.2 | 2015-Sep-02 | EP 2912367 | 2018-Jan-03 | 60 2013 031 752.6 | 2033-Oct-17 | Yes |
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| DE | 2013-Oct-30 | 202013012202.1 | | | 2015-Aug-03 | 202013012202 | 2023-Oct-30 | |
| DE | 2013-Nov-06 | 13852913.6 | 2015-Sep-16 | EP2917633 | 2022-Jan-05 | 60 2013 080 624.1 | 2033-Nov-06 | |
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| DE | 2014-Jul-16 | 14739445.6 | 2016-Jun-01 | EP 3025562 | 2017-Oct-11 | 60 2014 015 698.3 | 2034-Jul-16 | Yes |
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| DE | 2014-Aug-19 | 19172206.5 | 2019-Oct-16 | EP 3554198 | 2021-Apr-07 | 60 2014 076 515.7 | 2034-Aug-19 | |
| DE | 2014-Aug-22 | 14796256.7 | 2016-Jul-06 | EP 3039947 | 2019-Dec-11 | 60 2014 058 314.8 | 2034-Aug-22 | Yes |
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| DE | 2014-Oct-24 | 14787195.8 | 2016-Sep-14 | EP 3066889 | 2017-Jun-28 | 60 2014 011 343.5 | 2034-Oct-24 | |
| DE | 2014-Oct-28 | 14904216.0 | 2016-Aug-10 | EP 3053413 | 2019-Feb-13 | 3053413 | 2034-Oct-28 | |
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| DE | 2015-Jan-15 | 15703469.5 | 2016-Dec-07 | EP 3099161 | 2019-Nov-20 | 60 2015 041 985.5 | 2035-Jan-15 | Yes |
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| DE | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 60 2015 002 255.6 | 2035-Feb-23 | |
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| DE | 2015-Mar-11 | 16190614.4 | 2017-May-10 | 3165809-A | 2021-Sep-29 | 60 2015 073 822.5 | 2035-Mar-11 | Yes |
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| DE | 2017-Dec-18 | 17816839.9 | 2019-Jun-26 | EP 3500792 | 2020-Feb-12 | 60 2017 011 789.7 | 2037-Dec-18 | |
| DE | 2017-Dec-21 | 17817761.4 | 2019-Dec-04 | EP 3574712 | 2021-Jun-30 | 60 2017 041 353.4 | 2037-Dec-21 | Yes |
| DE | 2018-Feb-09 | 18156037.6 | 2018-Aug-15 | EP 3361148 | 2019-Sep-18 | 60 2018 000 648.6 | 2038-Feb-09 | Yes |
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| DK | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
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| EP | 2006-May-19 | 06741539.8 | 2008-Feb-27 | EP 1891671 | 2020-Aug-19 | 1891671 | 2026-May-19 | |
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| EP | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | 2020-Nov-18 | 2999314 | | |
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| EP | 2008-Aug-01 | 11195674.4 | 2012-Mar-28 | EP2434554 | 2018-May-30 | 2434554 | | |
| EP | 2010-Feb-26 | 10708388.3 | 2012-Jan-11 | EP 2404485 | 2020-May-20 | 2404485 | 2030-Feb-26 | Yes |
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| EP | 2010-Aug-13 | 10808816.2 | 2012-Jun-20 | EP 2465174 | 2019-Jan-09 | 2465174 | | |
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| EP | 2011-Apr-01 | 11719657.6 | 2013-Feb-13 | EP 2556294 | 2015-Mar-25 | 2556294 | 2031-Apr-01 | |
| EP | 2011-Apr-06 | 11002890.9 | 2011-Oct-12 | EP 2375861 | 2013-Aug-21 | 2375861 | | |
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| EP | 2011-Dec-09 | 23171105.2 | 2023-Aug-30 | EP 4235015 | | | | |
| EP | 2011-Dec-09 | 23171110.2 | 2023-Aug-30 | EP 4235016 | | | | |
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| EP | 2012-Mar-27 | 19209235.1 | 2020-Apr-22 | EP 3641502 | 2024-Jul-24 | 3641502 | | |
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| EP | 2014-Aug-19 | 19172206.5 | 2019-Oct-16 | EP 3554198 | 2021-Apr-07 | 3554198 | | |
| EP | 2014-Aug-19 | 21156047.9 | 2021-Aug-04 | EP 3860310 | | | | |
| EP | 2014-Aug-19 | 14786281.7 | 2016-Jun-29 | EP 3036976 | 2019-Oct-09 | 3036976 | | |
| EP | 2014-Oct-28 | 14904216.0 | 2016-Aug-10 | EP 3053413 | 2019-Feb-13 | 3053413 | | |
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| EP | 2015-Jun-02 | 15724725.5 | 2016-Nov-23 | EP | 2017-Aug-09 | 3095002 | | Yes |
| EP | 2015-Jul-10 | EP15736505.7 | 2017-May-24 | EP 3170370 | 2024-Dec-25 | 3170370 | | Yes |
| EP | 2015-Sep-18 | 15771881.8 | 2017-Aug-09 | EP 3201696 | 2023-Jul-26 | 3201696 | | Yes |
| EP | 2015-Dec-03 | 15851620.3 | 2017-Aug-02 | EP 3198997 | 2019-Feb-20 | 3198997 | | Yes |
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| ES | 2006-Mar-08 | 06711045.2 | | EP 1862036 | 2008-Dec-31 | 1862036 | 2026-Mar-08 | Yes |
| ES | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
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| ES | 2006-Jul-05 | 06766007.6 | 2008-Apr-02 | EP 1905273 | 2012-Apr-18 | 1905273 | 2026-Jul-05 | |
| ES | 2006-Aug-15 | 06795657.3 | 2008-May-21 | EP 1922575 | 2011-May-25 | 1922575 | 2026-Aug-15 | Yes |
| ES | 2006-Aug-22 | 06795730.8 | 2008-May-21 | EP 1922902 | 2018-Oct-10 | 1922902 | 2026-Aug-22 | |
| ES | 2006-Sep-15 | 06821092.1 | 2008-Jun-18 | EP 1932178 | 2012-Feb-08 | 1932178 | 2026-Sep-15 | |
| ES | 2006-Sep-15 | 06775996.9 | 2008-Jul-02 | EP 1938666 | 2012-May-30 | 1938666 | 2026-Sep-15 | |
| ES | 2006-Oct-02 | 06809462.2 | 2008-Jun-25 | EP 1935085 | 2012-Mar-28 | 1935085 | 2026-Oct-02 | |
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| ES | 2006-Oct-24 | 06809677.5 | 2008-Aug-20 | EP 1957857 | 2011-Oct-12 | 1957857 | 2026-Oct-24 | |
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| ES | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
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| ES | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
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| ES | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
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| ES | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 2163132 | 2028-Jun-23 | |
| ES | 2008-Aug-14 | 08789608.0 | | EP 2181565 | 2011-Apr-27 | 2181565 | 2028-Aug-14 | |

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| ES | 2008-Aug-28 | 08807484.4 | 2010-Jun-02 | EP 2190664 | 2016-Mar-16 | 2190664 | 2028-Aug-28 | Yes |
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| ES | 2011-Aug-05 | 11754507.9 | 2013-Jul-10 | EP 2612463 | 2014-Apr-16 | 2612463 | 2031-Aug-05 | |
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| ES | 2011-Dec-09 | 11804814.9 | 2013-Oct-30 | EP 2655956 | 2020-Jul-29 | 2655956 | 2031-Dec-09 | |
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| ES | 2013-Jan-30 | 13711957.4 | 2014-Dec-24 | EP 2815633 | 2016-Dec-14 | 2815633 | 2033-Jan-30 | Yes |

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| ES | 2013-Jan-30 | 16200531.8 | 2017-Jun-17 | EP 3182807 | 2020-Aug-12 | 3182807 | 2033-Jan-30 | Yes |
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| ES | 2015-Aug-27 | 15771313.2 | 2017-Jul-05 | EP3186552 | 2020-Aug-12 | 3186552 | 2035-Aug-27 | Yes |
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| ES | 2016-Feb-11 | 16704597.0 | 2017-Dec-20 | EP 3255983 | 2021-Apr-07 | 3255983 | 2036-Feb-11 | Yes |
| ES | 2016-Mar-07 | 16158975.9 | | | 2020-Dec-16 | 3065510 | 2036-Mar-07 | Yes |
| ES | 2016-Mar-11 | 19172759.3 | | | 2022-Nov-16 | 3570643 | 2036-Mar-11 | Yes |
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| ES | 2016-May-18 | EP16170050.5 | 2016-Dec-07 | EP 3102003 | 2017-Aug-16 | 3102003 | 2036-May-18 | |
| ES | 2016-Jun-08 | 16732481.3 | 2018-Apr-25 | EP 3311632 | 2020-Feb-26 | 3311632 | 2036-Jun-08 | Yes |
| ES | 2016-Aug-05 | 18154729.0 | 2018-Jul-25 | EP 3351851 | 2019-Oct-09 | 3351851 | 2036-Aug-05 | |
| ES | 2016-Aug-16 | 16753352.0 | 2018-Jul-11 | EP 3344918 | 2019-Oct-09 | 3344918 | 2036-Aug-16 | Yes |
| ES | 2016-Aug-16 | 19180884.9 | 2019-Dec-04 | EP 3575683 | 2021-Mar-17 | 3575683 | 2036-Aug-16 | Yes |
| ES | 2016-Oct-17 | 16784470.3 | 2018-Aug-29 | EP 3366084 | 2021-Apr-14 | 3366084 | 2036-Oct-17 | Yes |
| ES | 2016-Dec-01 | 16805415.3 | 2018-Oct-24 | EP 3391711 | 2019-Jul-31 | 3391711 | 2036-Dec-01 | Yes |
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| ES | 2017-Dec-18 | 20151415.5 | 2020-Jun-24 | EP 3671010 | 2021-Nov-10 | 3671010 | 2037-Dec-18 | |
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| EU | 2007-Mar-02 | 18194160.0 | 2019-Feb-27 | EP 3448126 | 2023-Oct-25 | 3448126 | 2027-Mar-02 | |
| EU | 2008-Apr-23 | 18188301.8 | 2019-Apr-10 | EP 3468303 | 2024-Mar-06 | 3468303 | 2028-Apr-23 | |
| EU | 2011-Nov-15 | 19154669.6 | 2019-Jul-17 | EP 3512304 | 2024-Sep-18 | 3512304 | 2031-Nov-15 | |
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| EU | 2011-Dec-09 | 19213280.1 | 2020-May-20 | EP 3653924 | 2024-Apr-17 | 3653924 | 2031-Dec-09 | |

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| EU | 2012-Feb-28 | 12752072.4 | 2012-Sep-07 | EP2681484 | 2023-Nov-08 | 2681484 | 2032-Feb-28 | |
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| FI | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
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| FI | 2014-Aug-19 | 14786281.7 | 2016-Jun-29 | EP 3036976 | 2019-Oct-09 | 3036976 | 2034-Aug-19 | |
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| FI | 2014-Aug-29 | 14757933.8 | 2016-Mar-02 | EP 2989864 | 2016-Oct-12 | 2989864 | 2034-Aug-29 | Yes |
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| FI | 2015-Jan-21 | 15701166.9 | 2016-Dec-07 | EP | 2022-Dec-21 | 3099972 | 2035-Jan-21 | Yes |
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| FI | 2015-Jun-01 | EP15723985.6 | 2017-May-10 | 3164638-A | 2018-Aug-15 | 3164638 | 2035-Jun-01 | |
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| FR | 1997-Aug-08 | 97932965.3 | | EP 0870384 | 2005-Nov-09 | 0870384 | 2017-Aug-08 | |
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| FR | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |

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| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| FR | 1998-Jul-14 | 98935809.8 | | EP 1021817 | 2013-Nov-20 | 1021817 | 2018-Jul-14 | |
| FR | 1998-Jul-16 | 98929590.2 | 1999-Jul-21 | EP 0929992 | 2003-Aug-06 | 0929992 | 2018-Jul-16 | |
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| FR | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| FR | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
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| FR | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
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| FR | 2000-Jul-14 | 09160257.3 | | EP 2139299 | 2011-Mar-02 | 2139299 | 2020-Jul-14 | |
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| FR | 2000-Oct-12 | 00967866.5 | 2001-Oct-17 | EP 1145602 | 2004-Mar-10 | 1145602 | 2020-Oct-12 | |
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| FR | 2003-Dec-18 | 03777121.9 | | EP 1579733 | 2008-Apr-09 | 1579733 | 2023-Dec-18 | |
| FR | 2004-Jan-06 | 04700282.9 | | EP 1665552 | 2007-Jul-11 | 1665552 | 2024-Jan-06 | Yes |

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| FR | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 3002512 | 2024-Apr-21 | |
| FR | 2004-Apr-21 | 18182693.4 | 2018-Dec-26 | EP 3419388 | 2020-Jun-17 | 3419388 | 2024-Apr-21 | |
| FR | 2004-Apr-21 | 20172248.5 | 2020-Oct-14 | EP 3722533 | 2022-Oct-26 | 3722533 | 2024-Apr-21 | |
| FR | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-21 | |
| FR | 2004-Apr-22 | 04728861.8 | | EP 1623602 | 2007-Mar-07 | 1623602 | 2024-Apr-22 | |
| FR | 2004-Apr-30 | 04730612.1 | | EP 1623604 | 2008-Apr-16 | 1623604 | 2024-Apr-30 | |
| FR | 2004-May-05 | 18175690.9 | 2018-Dec-19 | EP 3416460 | 2022-Oct-19 | 3416460 | 2024-May-05 | |
| FR | 2004-Jun-10 | 04754934.0 | 2005-Aug-04 | EP1631769 | 2010-Sep-22 | 1631769 | 2024-Jun-10 | |
| FR | 2004-Aug-03 | 04744722.2 | | EP 1656768 | 2008-Jul-30 | 1656768 | 2024-Aug-03 | Yes |
| FR | 2004-Aug-20 | 04769168.8 | 2006-Jun-07 | EP 1665659 | 2014-Jun-18 | 1665659 | 2024-Aug-20 | Yes |
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| FR | 2004-Sep-07 | 11171721.1 | 2011-Oct-05 | EP 2372765 | 2020-Nov-11 | 2372765 | 2024-Sep-07 | |
| FR | 2004-Sep-07 | 04769950.9 | 2006-Jun-07 | EP 1665380 | 2019-Jun-26 | 1665380 | 2024-Sep-07 | |
| FR | 2004-Sep-21 | 04770043.0 | 2006-Jun-14 | EP 1668622 | 2017-Apr-26 | 1668622 | 2024-Sep-21 | |
| FR | 2004-Nov-22 | 04811765.9 | | EP 1687692 | 2010-Apr-28 | 1687692 | 2024-Nov-22 | |
| FR | 2004-Dec-01 | 04801437.7 | 2006-Sep-06 | EP 1698036 | 2019-Feb-20 | 1698036 | 2024-Dec-01 | Yes |
| FR | 2004-Dec-03 | 04801456.7 | | EP 1700371 | 2010-Sep-01 | 1700371 | 2024-Dec-03 | Yes |
| FR | 2004-Dec-13 | 12198393.6 | 2013-Mar-27 | EP 2572932 | 2015-Apr-22 | 2572932 | 2024-Dec-13 | |
| FR | 2005-Jan-27 | 05702810.2 | 2006-Nov-02 | EP 1716437 | 2018-Jan-17 | 1716437 | 2025-Jan-27 | Yes |
| FR | 2005-Mar-02 | 05724343.8 | 2006-Dec-13 | EP 1729615 | 2019-May-08 | 1729615 | 2025-Mar-02 | |
| FR | 2005-Mar-02 | 05708905.4 | | EP 1728362 | 2010-Aug-18 | 1728362 | 2025-Mar-02 | Yes |
| FR | 2005-Mar-14 | 19187360.3 | 2020-Jan-01 | EP 3589081 | 2024-Feb-21 | 3589081 | 2025-Mar-14 | |
| FR | 2005-Mar-14 | 05725602.6 | 2006-Dec-13 | EP 1731004 | 2017-May-17 | 1731004 | 2025-Mar-14 | |
| FR | 2005-Apr-27 | 05731773.7 | | EP 1752024 | 2009-Nov-18 | 1752024 | 2025-Apr-27 | |
| FR | 2005-May-02 | 05733786.7 | 2007-Jan-24 | EP 1745681 | 2014-Nov-26 | 1745681 | 2025-May-02 | |
| FR | 2005-May-30 | 05104602.7 | 2005-Dec-14 | EP 1605199 | 2018-Jul-11 | 1605199 | 2025-May-30 | |
| FR | 2005-May-30 | 19201299.5 | 2020-Mar-11 | EP 3621301 | 2021-Apr-21 | 3621301 | 2025-May-30 | |
| FR | 2005-May-30 | 18167801.2 | 2018-Oct-03 | EP 3383034 | 2019-Nov-06 | 3383034 | 2025-May-30 | |
| FR | 2005-Jun-03 | 05748175.6 | | EP 1757169 | 2011-Apr-27 | 1757169 | 2025-Jun-03 | |
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| FR | 2005-Jun-23 | 05759404.6 | 2007-Apr-25 | EP 1776628 | 2011-Nov-30 | 1776628 | 2025-Jun-23 | |
| FR | 2005-Jun-28 | 05752840.8 | 2007-Mar-28 | EP 1767065 | 2014-Jun-04 | 1767065 | 2025-Jun-28 | |
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| FR | 2005-Jul-14 | 05763182.2 | 2007-Apr-11 | EP 1772044 | 2012-Sep-12 | 1772044 | 2025-Jul-14 | |
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| FR | 2005-Aug-02 | 05772133.4 | 2007-May-09 | EP 1782660 | 2011-Oct-12 | 1782660 | 2025-Aug-02 | |
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| FR | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| FR | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 1825717 | 2025-Nov-23 | |
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| FR | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
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| FR | 2006-May-10 | 06744904.1 | | EP 1889112 | 2009-Jul-22 | 1889112 | 2026-May-10 | |
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| FR | 2006-Dec-11 | 06832203.1 | | EP 1963735 | 2010-Sep-29 | 1963735 | 2026-Dec-11 | |
| FR | 2006-Dec-12 | 06842457.1 | 2008-Sep-03 | EP 1964449 | 2014-Jul-23 | 1964449 | 2026-Dec-12 | |
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| FR | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| FR | 2007-Feb-26 | 07751851.2 | 2007-Sep-07 | EP1994389 | 2015-Jun-17 | 1994389 | 2027-Feb-26 | |
| FR | 2007-Feb-26 | 15170016.8 | 2007-Sep-07 | EP 2942611 | 2022-Apr-06 | 2942611 | 2027-Feb-26 | |
| FR | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| FR | 2007-Mar-08 | 07710709.2 | 2008-Dec-03 | EP 1996857 | 2016-May-25 | 1996857 | 2027-Mar-08 | |
| FR | 2007-Mar-08 | 07735061.9 | 2008-Dec-24 | EP 2005797 | 2012-Aug-15 | 2005797 | 2027-Mar-08 | Yes |
| FR | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| FR | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-02 | |
| FR | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| FR | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | 2020-Nov-18 | 2999314 | 2027-May-31 | |
| FR | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 2030483 | 2027-May-31 | |
| FR | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 2039069 | 2027-Jun-19 | |
| FR | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| FR | 2007-Jun-22 | 07789779.1 | 2009-Mar-18 | EP 2036407 | 2013-Aug-14 | 2036407 | 2027-Jun-22 | Yes |
| FR | 2007-Jul-05 | 07825886.0 | | EP 2052181 | 2010-Mar-31 | 2052181 | 2027-Jul-05 | |
| FR | 2007-Aug-09 | 07836669.7 | 2009-Nov-18 | EP 2119318 | 2013-Oct-16 | 2119318 | 2027-Aug-09 | |
| FR | 2007-Aug-17 | 07800472.8 | 2009-May-06 | EP 2054662 | 2014-Oct-08 | 2054662 | 2027-Aug-17 | |
| FR | 2007-Aug-22 | 07800465.2 | 2009-May-13 | EP 2057867 | 2016-Nov-09 | 2057867 | 2027-Aug-22 | |
| FR | 2007-Sep-18 | 07826420.7 | | EP 2074658 | 2010-Mar-24 | 2074658 | 2027-Sep-18 | |
| FR | 2007-Sep-18 | 07826418.1 | 2009-Jul-01 | EP 2074865 | 2017-Jan-11 | 2074865 | 2027-Sep-18 | Yes |
| FR | 2007-Sep-20 | 07826475.1 | 2009-Jul-15 | EP 2078446 | 2013-Apr-10 | 2078446 | 2027-Sep-20 | |
| FR | 2007-Sep-20 | 07815866.4 | 2009-Jun-10 | EP 2067381 | 2016-Sep-14 | 2067381 | 2027-Sep-20 | |
| FR | 2007-Sep-20 | 07826476.9 | | EP 2074866 | 2011-Mar-02 | 2074866 | 2027-Sep-20 | |
| FR | 2007-Oct-11 | 07826710.1 | 2009-Jul-01 | EP 2074451 | 2018-Aug-15 | 2074451 | 2027-Oct-11 | |
| FR | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| FR | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |
| FR | 2007-Oct-31 | 07816094.2 | 2009-Aug-12 | EP 2087772 | 2017-Sep-06 | 2087772 | 2027-Oct-31 | |
| FR | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
| FR | 2007-Nov-08 | 07827030.3 | | EP 2084945 | 2010-Mar-31 | 2084945 | 2027-Nov-08 | |
| FR | 2007-Nov-09 | 07840007.4 | | EP 2082621 | 2010-Jul-14 | 2082621 | 2027-Nov-09 | |
| FR | 2007-Nov-27 | 07849266.7 | 2009-Aug-26 | EP 2092669 | 2013-Jun-26 | 2092669 | 2027-Nov-27 | |
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| FR | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | 2103190 | 2027-Dec-07 | |
| FR | 2007-Dec-07 | 10194284.5 | 2011-Mar-30 | EP 2302983 | 2019-Oct-09 | 2302983 | 2027-Dec-07 | |
| FR | 2007-Dec-11 | 07855501.8 | 2009-Aug-26 | EP 2092797 | 2012-Nov-21 | 2092797 | 2027-Dec-11 | |
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| FR | 2008-Mar-12 | 18185781.4 | 2019-Apr-17 | EP 3471513 | 2020-Oct-07 | 3471513 | 2028-Mar-12 | |
| FR | 2008-Mar-12 | 08743811.5 | | | 2017-Aug-30 | 2130407 | 2028-Mar-12 | Yes |
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| FR | 2008-Mar-14 | 18192950.6 | | | 2020-Aug-05 | 3445021 | 2028-Mar-14 | Yes |
| FR | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| FR | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
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| FR | 2008-Aug-22 | 08789621.3 | 2010-Jun-09 | EP 2193549 | 2019-Jan-09 | 2193549 | 2028-Aug-22 | Yes |
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| FR | 2009-Jul-10 | 09786561.2 | 2011-Mar-23 | EP 2297516 | 2012-Feb-22 | 2297516 | 2029-Jul-10 | |
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| FR | 2009-Jul-22 | 09786669.3 | 2011-May-04 | EP 2316251 | 2012-May-09 | 2316251 | 2029-Jul-22 | |
| FR | 2009-Jul-22 | 09786664.4 | 2011-May-11 | EP 2319275 | 2013-Nov-20 | 2319275 | 2029-Jul-22 | |
| FR | 2009-Aug-11 | 09786892.1 | 2011-Apr-20 | EP 2311299 | 2013-Mar-13 | 2311299 | 2029-Aug-11 | |
| FR | 2009-Aug-13 | 09807313.3 | 2010-Feb-18 | EP2326870 | 2017-Jan-25 | 2326870 | 2029-Aug-13 | |
| FR | 2009-Sep-02 | 18205881.8 | 2019-Jun-12 | EP 3496511 | 2021-Feb-24 | 3496511 | 2029-Sep-02 | |
| FR | 2009-Sep-04 | 09787096.8 | 2011-Jun-01 | EP 2326869 | 2016-Jun-29 | 2326869 | 2029-Sep-04 | |
| FR | 2009-Sep-11 | 09787177.6 | 2011-Jun-08 | EP 2328994 | 2012-Dec-26 | 2328994 | 2029-Sep-11 | Yes |
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| FR | 2009-Nov-26 | 09799151.7 | 2011-Oct-12 | EP 2374334 | 2018-Aug-22 | 2374334 | 2029-Nov-26 | Yes |
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| FR | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
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| FR | 2010-Mar-30 | 10713725.9 | 2012-Feb-08 | EP 2414876 | 2017-Aug-23 | 2414876 | 2030-Mar-30 | |
| FR | 2010-Mar-31 | 10713726.7 | 2012-Feb-15 | EP 2417219 | 2013-May-29 | 2417219 | 2030-Mar-31 | |
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| FR | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 2435753 | 2030-May-21 | |
| FR | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 2623846 | 2030-May-21 | |
| FR | 2010-May-26 | 10727919.2 | 2012-Apr-04 | EP 2435754 | 2016-Apr-27 | 2435754 | 2030-May-26 | |
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| FR | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
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| FR | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 2457415 | 2030-Jul-14 | |
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| FR | 2010-Aug-18 | 10760766.5 | 2012-Jul-04 | EP 2471344 | 2013-Aug-07 | 2471344 | 2030-Aug-18 | |
| FR | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |

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| FR | 2010-Sep-07 | 10760057.9 | 2012-Jul-25 | EP 2478743 | 2014-Jun-11 | 2478743 | 2030-Sep-07 | |
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| FR | 2012-Mar-28 | 12712768.6 | 2014-Feb-12 | EP 2695485 | 2016-Dec-28 | 2695485 | 2032-Mar-28 | Yes |
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| FR | 2012-May-11 | 12725505.7 | 2014-Mar-26 | EP 2710861 | 2019-Jan-09 | 2710861 | 2032-May-11 | Yes |
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| FR | 2012-Jul-24 | 12767105.5 | 2014-Jun-04 | EP 2737774 | 2017-Jun-28 | 2737774 | 2032-Jul-24 | |
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| FR | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 2748975 | 2032-Oct-05 | |
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| FR | 2013-Aug-28 | 13792978.2 | 2015-Jul-29 | EP 2898755 | 2021-May-19 | 2898755 | 2033-Aug-28 | Yes |
| FR | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | 2898265 | 2033-Sep-17 | |
| FR | 2013-Oct-17 | 13818799.2 | 2015-Sep-02 | EP 2912367 | 2018-Jan-03 | 2912367 | 2033-Oct-17 | Yes |
| FR | 2013-Oct-22 | EP13821954.8A | 2015-Sep-09 | EP2915197 | 2020-Feb-05 | 2915197 | 2033-Oct-22 | Yes |
| FR | 2013-Nov-06 | 13852913.6 | 2015-Sep-16 | EP2917633 | 2022-Jan-05 | 2917633 | 2033-Nov-06 | |
| FR | 2013-Dec-02 | 13805599.1 | 2015-Oct-21 | EP 2932797 | 2017-Oct-04 | 2932797 | 2033-Dec-02 | |
| FR | 2013-Dec-05 | 13818438.7 | 2015-Oct-14 | EP 2929238 | 2018-Feb-21 | 2929238 | 2033-Dec-05 | |
| FR | 2013-Dec-05 | 13818440.3 | 2015-Oct-14 | EP 2929239 | 2018-Mar-28 | 2929239 | 2033-Dec-05 | Yes |
| FR | 2014-Jan-03 | 14701230.6 | 2015-Nov-18 | EP 2944161 | 2017-May-17 | 2944161 | 2034-Jan-03 | Yes |
| FR | 2014-Jan-29 | 14706335.8 | 2015-Dec-09 | EP 2950704 | 2017-Oct-18 | 2950704 | 2034-Jan-29 | Yes |
| FR | 2014-Feb-17 | 14710984.7 | 2015-Dec-30 | EP 2959209 | 2018-Sep-12 | 2959209 | 2034-Feb-17 | Yes |
| FR | 2014-Mar-11 | 14714528.8 | 2016-Jan-20 | EP 2974540 | 2019-Aug-07 | 2974540 | 2034-Mar-11 | Yes |
| FR | 2014-Mar-12 | 14713924.0 | 2016-Feb-03 | EP | 2017-Feb-22 | 2979023 | 2034-Mar-12 | |
| FR | 2014-Mar-12 | 20150147.5 | 2020-Jun-10 | EP 3664583 | 2024-Nov-27 | 3664583 | | Yes |
| FR | 2014-Apr-02 | 14718773.6 | 2016-Feb-10 | EP 2982221 | 2021-Aug-04 | 2982221 | 2034-Apr-02 | |
| FR | 2014-Apr-21 | 14719284.3 | 2016-Mar-09 | EP 2992733 | 2018-Dec-26 | 2992733 | 2034-Apr-21 | Yes |
| FR | 2014-Apr-21 | 14718971.6 | 2016-Mar-16 | EP 2994696 | 2022-Oct-05 | 2994696 | 2034-Apr-21 | Yes |
| FR | 2014-Apr-21 | 14718597.9 | 2016-Jan-06 | EP 2962359 | 2016-Oct-05 | 2962359 | 2034-Apr-21 | Yes |
| FR | 2014-Apr-30 | 14721344.1 | 2016-Mar-09 | EP 2992742 | 2018-Dec-05 | 2992742 | 2034-Apr-30 | Yes |
| FR | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| FR | 2014-Jun-05 | 14728560.5 | 2016-Apr-20 | EP 3008973 | 2019-Aug-28 | 3008973 | 2034-Jun-05 | Yes |
| FR | 2014-Jun-16 | 14730167.5 | 2015-Aug-19 | EP 2907365 | 2016-Sep-21 | 2907365 | 2034-Jun-16 | Yes |
| FR | 2014-Jun-27 | 14733638.2 | 2016-May-11 | EP | 2017-Apr-05 | 3017661 | 2034-Jun-27 | Yes |
| FR | 2014-Jul-03 | 14734499.8 | 2016-Jun-22 | EP 3033568 | 2017-May-17 | 3033568 | 2034-Jul-03 | Yes |
| FR | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| FR | 2014-Jul-16 | 14739445.6 | 2016-Jun-01 | EP 3025562 | 2017-Oct-11 | 3025562 | 2034-Jul-16 | Yes |
| FR | 2014-Jul-18 | 14759318.0 | 2016-Apr-20 | EP | 2017-Apr-05 | 3008374 | 2034-Jul-18 | Yes |
| FR | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |

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| FR | 2014-Aug-14 | EP14752612.3 | 2016-Jul-20 | EP 3044497 | 2018-Apr-11 | 3044497 | 2034-Aug-14 | Yes |
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| FR | 2014-Aug-19 | 14786281.7 | 2016-Jun-29 | EP 3036976 | 2019-Oct-09 | 3036976 | 2034-Aug-19 | |
| FR | 2014-Aug-22 | 14796256.7 | 2016-Jul-06 | EP 3039947 | 2019-Dec-11 | 3039947 | 2034-Aug-22 | Yes |
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| FR | 2014-Nov-04 | 14793118.2 | 2016-Jun-15 | EP | 2017-Apr-05 | 3031301 | 2034-Nov-04 | Yes |
| FR | 2014-Nov-12 | EP14799386.9 | 2016-Sep-28 | EP 3072359 | 2019-Mar-20 | 3072359 | 2034-Nov-12 | |
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| FR | 2014-Dec-29 | EP14828162.9 | 2016-Nov-23 | EP 3095299 | 2018-Feb-21 | 3095299 | 2034-Dec-29 | Yes |
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| FR | 2015-Jan-21 | 15701166.9 | 2016-Dec-07 | EP | 2022-Dec-21 | 3099972 | 2035-Jan-21 | Yes |
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| FR | 2015-Jan-27 | EP15703247.5 | 2016-Oct-19 | EP 3080512 | 2017-Jun-07 | 3080512 | 2035-Jan-27 | Yes |
| FR | 2015-Jan-30 | 19155288.4 | 2019-Jul-17 | EP 3511918 | 2023-May-17 | 3511918 | 2035-Jan-30 | Yes |
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| FR | 2015-Feb-13 | EP15704536.0 | 2017-Jan-04 | EP 3111725 | 2022-Aug-17 | 3111725 | 2035-Feb-13 | Yes |
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| FR | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 3061320 | 2035-Feb-23 | |
| FR | 2015-Mar-05 | 15707968.2 | 2016-Feb-17 | EP 2984399 | 2016-Jul-27 | 2984399 | 2035-Mar-05 | Yes |
| FR | 2015-Mar-11 | 16190614.4 | 2017-May-10 | 3165809-A | 2021-Sep-29 | 3165809 | 2035-Mar-11 | Yes |
| FR | 2015-Mar-11 | 15709474.9 | 2016-Mar-02 | EP 2989373 | 2016-Nov-16 | 2989373 | 2035-Mar-11 | Yes |
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| FR | 2015-Mar-17 | 15709960.7 | 2017-Jan-25 | EP 3120671 | 2018-Sep-12 | 3120671 | 2035-Mar-17 | Yes |
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| FR | 2015-May-27 | 15726916.8 | 2017-Apr-19 | 3155875-A | 2017-Dec-27 | 3155875 | 2035-May-27 | Yes |
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| FR | 2015-Jun-24 | EP15731323.0 | 2017-May-10 | 3164928-A | 2019-Aug-07 | 3164928 | 2035-Jun-24 | |
| FR | 2015-Jul-02 | 15733747.8 | 2016-Dec-14 | EP | 2017-Jun-07 | 3102870 | 2035-Jul-02 | Yes |
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| FR | 2015-Jul-10 | EP15176200.2 | 2016-Mar-02 | EP 2990717 | 2017-Sep-13 | 2990717 | 2035-Jul-10 | Yes |
| FR | 2015-Jul-10 | EP15736505.7 | 2017-May-24 | EP 3170370 | 2024-Dec-25 | 3170370 | | Yes |
| FR | 2015-Jul-15 | EP15176831.4 | 2016-Feb-17 | EP 2985510 | 2017-Jun-28 | 2985510 | 2035-Jul-15 | Yes |
| FR | 2015-Jul-16 | 15738350.6 | 2017-May-31 | EP 3172481 | 2018-May-09 | 3172481 | 2035-Jul-16 | |
| FR | 2015-Aug-27 | 15771313.2 | 2017-Jul-05 | EP3186552 | 2020-Aug-12 | 3186552 | 2035-Aug-27 | Yes |
| FR | 2015-Sep-18 | 15771881.8 | 2017-Aug-09 | EP 3201696 | 2023-Jul-26 | 3201696 | 2035-Sep-18 | Yes |
| FR | 2015-Sep-23 | 15771900.6 | 2017-Aug-09 | EP 3201697 | 2021-Dec-29 | 3201697 | 2035-Sep-23 | Yes |
| FR | 2015-Sep-30 | EP15784476.2 | 2017-Aug-09 | EP 3201524 | 2018-Feb-28 | 3201524 | 2035-Sep-30 | |
| FR | 2015-Nov-03 | 15790913.6 | 2017-Sep-13 | EP 3216317 | 2020-Jan-08 | 3216317 | 2035-Nov-03 | |
| FR | 2015-Dec-03 | 15851620.3 | 2017-Aug-02 | EP 3198997 | 2019-Feb-20 | 3198997 | 2035-Dec-03 | Yes |
| FR | 2016-Feb-11 | 16704597.0 | 2017-Dec-20 | EP 3255983 | 2021-Apr-07 | 3255983 | 2036-Feb-11 | Yes |
| FR | 2016-Mar-07 | 16158978.3 | | | 2019-Sep-11 | 3065511 | 2036-Mar-07 | Yes |
| FR | 2016-Mar-07 | 16158975.9 | | | 2020-Dec-16 | 3065510 | 2036-Mar-07 | Yes |
| FR | 2016-Mar-11 | 16845314.0 | 2017-Nov-01 | EP 3238508 | 2019-May-08 | 3238508 | 2036-Mar-11 | Yes |
| FR | 2016-Mar-11 | 19172759.3 | | | 2022-Nov-16 | 3570643 | 2036-Mar-11 | Yes |
| FR | 2016-Apr-04 | 16713475.8 | 2018-Feb-14 | EP 3281270 | 2019-Jan-09 | 3281270 | 2036-Apr-04 | |
| FR | 2016-Apr-08 | 16164411.7 | 2016-Oct-12 | EP 3079447 | 2017-Nov-01 | 3079447 | 2036-Apr-08 | Yes |
| FR | 2016-Apr-20 | 16721678.7 | 2017-Dec-27 | EP 3259959 | 2018-Jun-20 | 3259959 | 2036-Apr-20 | |
| FR | 2016-Apr-21 | EP16717930.8 | 2018-Mar-07 | EP 3289832 | 2020-Feb-26 | 3289832 | 2036-Apr-21 | Yes |
| FR | 2016-May-18 | EP16170050.5 | 2016-Dec-07 | EP 3102003 | 2017-Aug-16 | 3102003 | 2036-May-18 | |
| FR | 2016-Jun-08 | 16732481.3 | 2018-Apr-25 | EP 3311632 | 2020-Feb-26 | 3311632 | 2036-Jun-08 | Yes |
| FR | 2016-Aug-05 | EP16182950.2 | 2017-Mar-08 | EP 3139086 | 2018-May-23 | 3139086 | 2036-Aug-05 | |
| FR | 2016-Aug-05 | 18154729.0 | 2018-Jul-25 | EP 3351851 | 2019-Oct-09 | 3351851 | 2036-Aug-05 | |
| FR | 2016-Aug-09 | EP16757574.5 | 2018-Jul-04 | EP 3342257 | 2019-Jul-31 | 3342257 | 2036-Aug-09 | Yes |
| FR | 2016-Aug-16 | 16753352.0 | 2018-Jul-11 | EP 3344918 | 2019-Oct-09 | 3344918 | 2036-Aug-16 | Yes |
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| FR | 2016-Oct-12 | 16781407.8 | 2018-Sep-05 | EP 3368634 | 2019-Dec-11 | 3368634 | 2036-Oct-12 | Yes |
| FR | 2016-Oct-17 | 16784470.3 | 2018-Aug-29 | EP 3366084 | 2021-Apr-14 | 3366084 | 2036-Oct-17 | Yes |
| FR | 2016-Dec-01 | 16805415.3 | 2018-Oct-24 | EP 3391711 | 2019-Jul-31 | 3391711 | 2036-Dec-01 | Yes |
| FR | 2016-Dec-07 | 16809747.5 | 2018-Oct-24 | EP 3391683 | 2020-Sep-30 | 3391683 | 2036-Dec-07 | Yes |

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| FR | 2017-Mar-20 | 17710760.4 | 2019-Jan-30 | EP 3434074 | 2020-May-06 | 3434074 | 2037-Mar-20 | Yes |
| FR | 2017-Apr-04 | 17714252.8 | 2019-Feb-13 | EP 3440894 | 2020-Jan-22 | 3440894 | 2037-Apr-04 | Yes |
| FR | 2017-Apr-19 | 17718888.5 | 2019-Feb-27 | EP 3446552 | 2019-Nov-06 | 3446552 | 2037-Apr-19 | Yes |
| FR | 2017-May-22 | 17724576.8 | 2019-Apr-17 | EP 3469255 | 2020-Aug-19 | 3469255 | 2037-May-22 | Yes |
| FR | 2017-Jul-27 | 17742771.3 | 2019-Jun-19 | EP 3498059 | 2019-Dec-18 | 3498059 | 2037-Jul-27 | Yes |
| FR | 2017-Aug-04 | 17837750.3 | 2019-Jun-12 | EP3494342 | 2021-Dec-08 | 3494342 | 2037-Aug-04 | Yes |
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| FR | 2017-Dec-18 | 17816839.9 | 2019-Jun-26 | EP 3500792 | 2020-Feb-12 | 3500792 | 2037-Dec-18 | |
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| FR | 2018-Feb-09 | 18156037.6 | 2018-Aug-15 | EP 3361148 | 2019-Sep-18 | 3361148 | 2038-Feb-09 | Yes |
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| FR | 2018-Apr-27 | 18793906.1 | 2020-Mar-11 | 3619468 | 2024-Sep-18 | 3619468 | | Yes |
| FR | 2018-Jun-08 | 18728417.9 | 2020-Apr-29 | EP 3642535 | 2020-Dec-09 | 3642535 | 2038-Jun-08 | Yes |
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| GB | 1997-Aug-08 | 97932965.3 | | EP 0870384 | 2005-Nov-09 | 0870384 | 2017-Aug-08 | |
| GB | 1997-Sep-08 | 97936833.9 | 1998-Sep-16 | EP 0864064 | 2002-Dec-04 | 0864064 | 2017-Sep-08 | |
| GB | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |
| GB | 1998-Jul-14 | 98935809.8 | | EP 1021817 | 2013-Nov-20 | 1021817 | 2018-Jul-14 | |
| GB | 1998-Jul-16 | 98929597.7 | 1999-Jul-21 | EP 0929993 | 2004-Oct-06 | 0929993 | 2018-Jul-16 | |
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| GB | 1998-Jul-27 | 98932457.9 | 1999-Jul-21 | EP 0929994 | 2003-Jul-02 | 0929994 | 2018-Jul-27 | |
| GB | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| GB | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
| GB | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| GB | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
| GB | 1999-Sep-03 | 99943116.6 | | EP 1110198 | 2003-Nov-05 | 1110198 | 2019-Sep-03 | |
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| GB | 1999-Dec-02 | 99962235.0 | 2000-Dec-06 | EP 1056993 | 2003-Mar-26 | 1056993 | 2019-Dec-02 | |
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| GB | 2000-Apr-06 | 00926827.7 | 2001-Apr-04 | EP 1088350 | 2011-Nov-23 | 1088350 | 2020-Apr-06 | |
| GB | 2000-Jun-22 | 00947862.9 | | EP 1108180 | 2008-Jul-30 | 1108180 | 2020-Jun-22 | |
| GB | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
| GB | 2000-Jul-14 | 05077467.8 | | EP 1624728 | 2009-May-06 | 1624728 | 2020-Jul-14 | |
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| GB | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | 2364067 | 2021-Jun-21 | |
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| GB | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
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| GB | 2001-Dec-06 | 01271514.0 | | EP 1259754 | 2011-Mar-02 | 1259754 | 2021-Dec-06 | |
| GB | 2001-Dec-12 | 01272187.4 | | EP 1348319 | 2005-Jun-08 | 1348319 | 2021-Dec-12 | |
| GB | 2001-Dec-20 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-20 | |
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| GB | 2002-May-10 | 02734387.0 | 2004-Feb-11 | EP 1388276 | 2011-Aug-10 | 1388276 | 2022-May-10 | |
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| GB | 2002-Jun-07 | 02735758.1 | | EP 1399694 | 2006-Aug-09 | 1399694 | 2022-Jun-07 | |
| GB | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| GB | 2002-Jul-23 | 02755430.2 | 2004-May-06 | EP 1415345 | 2014-Apr-23 | 1415345 | 2022-Jul-23 | |

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| GB | 2002-Aug-09 | 02755483.1 | 2004-May-26 | EP 1421830 | 2011-Oct-12 | 1421830 | 2022-Aug-09 | |
| GB | 2002-Sep-17 | 02773430.0 | 2004-Jun-16 | EP 1428415 | 2012-Jul-18 | 1428415 | 2022-Sep-16 | |
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| GB | 2002-Nov-15 | 02781532.3 | | EP 1459599 | 2008-Feb-27 | 1459599 | 2022-Nov-14 | |
| GB | 2002-Dec-09 | 02788334.7 | 2004-Sep-29 | EP 1461981 | 2017-Aug-30 | 1461981 | 2022-Dec-08 | |
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| GB | 2002-Dec-20 | 02790641.1 | | EP 1461980 | 2006-Oct-25 | 1461980 | 2022-Dec-19 | |
| GB | 2003-Feb-06 | 03700452.0 | | EP 1479270 | 2006-Jul-05 | 1479270 | 2023-Feb-05 | |
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| GB | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-27 | |
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| GB | 2004-Jan-06 | 04700282.9 | | EP 1665552 | 2007-Jul-11 | 1665552 | 2024-Jan-05 | Yes |
| GB | 2004-Apr-21 | 18182693.4 | 2018-Dec-26 | EP 3419388 | 2020-Jun-17 | 3419388 | 2024-Apr-20 | |
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| GB | 2004-Apr-21 | 20172248.5 | 2020-Oct-14 | EP 3722533 | 2022-Oct-26 | 3722533 | 2024-Apr-20 | |
| GB | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-20 | |
| GB | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 3002512 | 2024-Apr-20 | |
| GB | 2004-Apr-22 | 04728861.8 | | EP 1623602 | 2007-Mar-07 | 1623602 | 2024-Apr-21 | |
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| GB | 2004-Jun-10 | 04754934.0 | 2005-Aug-04 | EP1631769 | 2010-Sep-22 | 1631769 | 2024-Jun-09 | |
| GB | 2004-Aug-03 | 04744722.2 | | EP 1656768 | 2008-Jul-30 | 1656768 | 2024-Aug-02 | Yes |
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| GB | 2006-Sep-04 | 0804515.5 | | GB2443778A | 2010-Sep-08 | 2443778 | 2026-Sep-03 | |
| GB | 2006-Sep-15 | 06775996.9 | 2008-Jul-02 | EP 1938666 | 2012-May-30 | 1938666 | 2026-Sep-14 | |
| GB | 2006-Sep-15 | 06821092.1 | 2008-Jun-18 | EP 1932178 | 2012-Feb-08 | 1932178 | 2026-Sep-14 | |
| GB | 2006-Sep-25 | 06821145.7 | 2008-Jun-18 | EP 1932394 | 2016-Apr-27 | 1932394 | 2026-Sep-24 | |
| GB | 2006-Oct-02 | 06809462.2 | 2008-Jun-25 | EP 1935085 | 2012-Mar-28 | 1935085 | 2026-Oct-01 | |
| GB | 2006-Oct-06 | 06809528.0 | | EP 1938668 | 2009-Sep-16 | 1938668 | 2026-Oct-05 | |
| GB | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-10 | |
| GB | 2006-Oct-16 | 06809605.6 | 2008-Jul-16 | EP 1943880 | 2013-Apr-24 | 1943880 | 2026-Oct-15 | |
| GB | 2006-Oct-24 | 06809677.5 | 2008-Aug-20 | EP 1957857 | 2011-Oct-12 | 1957857 | 2026-Oct-23 | |
| GB | 2006-Nov-07 | 06821351.1 | | EP 1948995 | 2010-Apr-28 | 1948995 | 2026-Nov-06 | |
| GB | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-12 | |
| GB | 2006-Nov-13 | 18193342.5 | 2019-Feb-27 | EP 3447366 | 2020-Oct-21 | 3447366 | 2026-Nov-12 | |
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| GB | 2006-Dec-06 | 06832117.3 | 2008-Sep-03 | EP 1964451 | 2011-Jul-06 | 1964451 | 2026-Dec-05 | |
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| GB | 2006-Dec-12 | 06842457.1 | 2008-Sep-03 | EP 1964449 | 2014-Jul-23 | 1964449 | 2026-Dec-11 | |
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| GB | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-12 | |
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| GB | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-01 | |
| GB | 2007-Mar-02 | 18194160.0 | 2019-Feb-27 | EP 3448126 | 2023-Oct-25 | 3448126 | 2027-Mar-01 | |
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| GB | 2007-Mar-08 | 07735061.9 | 2008-Dec-24 | EP 2005797 | 2012-Aug-15 | 2005797 | 2027-Mar-07 | Yes |
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| GB | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-01 | |
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| GB | 2007-Sep-20 | 07826476.9 | | EP 2074866 | 2011-Mar-02 | 2074866 | 2027-Sep-19 | |
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| GB | 2008-Jun-30 | 08789176.8 | 2010-Mar-24 | EP 2165576 | 2018-Aug-08 | 2165576 | 2028-Jun-29 | |
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| GB | 2012-Feb-28 | 12752072.4 | 2012-Sep-07 | EP2681484 | 2023-Nov-08 | 2681484 | 2032-Feb-27 | |

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| GB | 2012-Mar-12 | 18211656.6 | 2019-May-29 | EP 3490342 | 2020-Jul-15 | 3490342 | 2032-Mar-11 | |
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| GB | 2013-Mar-07 | 13720567.0 | 2015-Feb-04 | EP 2832183 | 2016-May-18 | 2832183 | 2033-Mar-06 | |
| GB | 2013-Mar-08 | 13721393.0 | 2015-Jan-28 | EP 2829158 | 2016-May-18 | 2829158 | 2033-Mar-07 | |
| GB | 2013-Mar-11 | 13722822.7 | 2015-Jan-28 | EP 2829159 | 2020-Aug-26 | 2829159 | 2033-Mar-10 | |
| GB | 2013-Apr-04 | 13724395.2 | 2015-Feb-11 | EP 2834842 | 2018-Jul-04 | 2834842 | 2033-Apr-03 | |
| GB | 2013-Apr-04 | 18167770.9 | 2018-Oct-03 | EP 3382755 | 2020-Jan-08 | 3382755 | 2033-Apr-03 | |
| GB | 2013-Apr-16 | 13726598.9 | 2015-Feb-25 | EP 2839204 | 2016-Dec-14 | 2839204 | 2033-Apr-15 | |
| GB | 2013-Apr-25 | 13727651.5 | 2015-Mar-11 | EP 2845445 | 2021-Aug-11 | 2845445 | 2033-Apr-24 | |
| GB | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 2848091 | 2033-Apr-25 | |
| GB | 2013-May-06 | 13729464.1 | 2015-Mar-25 | EP 2850917 | 2017-Feb-22 | 2850917 | 2033-May-05 | Yes |
| GB | 2013-May-08 | 13732245.9 | 2015-Mar-18 | EP 2848093 | 2018-Jul-11 | 2848093 | 2033-May-07 | Yes |
| GB | 2013-May-08 | 13732624.5 | 2015-Mar-18 | EP 2847511 | 2017-Mar-22 | 2847511 | 2033-May-07 | Yes |
| GB | 2013-May-21 | 13734501.3 | 2015-Apr-15 | EP 2858854 | 2018-Jan-03 | 2858854 | 2033-May-20 | Yes |
| GB | 2013-May-22 | 13736961.7 | 2015-Apr-08 | EP 2856490 | 2016-Mar-09 | 2856490 | 2033-May-21 | |
| GB | 2013-May-22 | 13733050.2 | 2015-Apr-08 | EP 2856004 | 2016-Sep-14 | 2856004 | 2033-May-21 | Yes |
| GB | 2013-May-28 | 13734200.2 | 2015-Apr-08 | EP 2856843 | 2017-Apr-12 | 2856843 | 2033-May-27 | Yes |
| GB | 2013-Jun-17 | 13750382.7 | 2015-May-06 | EP 2867982 | 2016-Mar-16 | 2867982 | 2033-Jun-16 | |
| GB | 2013-Jun-18 | 13758989.1 | 2015-May-06 | EP 2868162 | 2019-Mar-06 | 2868162 | 2033-Jun-17 | Yes |
| GB | 2013-Jun-26 | 13762232.0 | 2015-May-06 | EP 2868163 | 2020-May-06 | 2868163 | 2033-Jun-25 | |
| GB | 2013-Jul-04 | 13763118.0 | 2015-May-27 | EP 2875700 | 2018-Mar-14 | 2875700 | 2033-Jul-03 | Yes |
| GB | 2013-Jul-04 | 17199356.1 | 2018-Apr-11 | EP 3307028 | 2021-Apr-07 | 3307028 | 2033-Jul-03 | Yes |
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| GB | 2013-Jul-09 | 21150944.3 | 2021-Jun-23 | EP 3840538 | 2023-Oct-18 | 3840538 | 2033-Jul-08 | Yes |
| GB | 2013-Jul-10 | 13765478.6 | 2015-May-20 | EP 2873310 | 2019-Feb-27 | 2873310 | 2033-Jul-09 | |
| GB | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | 2033-Jul-11 | |
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| GB | 2013-Jul-15 | 13765790.4 | 2015-Jun-03 | EP 2878173 | 2019-Mar-06 | 2878173 | 2033-Jul-14 | Yes |

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| GB | 2013-Jul-24 | 13745301.5 | | | 2018-Dec-12 | 2878171 | 2033-Jul-23 | |
| GB | 2013-Jul-26 | EP 13823052.9 | 2015-Jun-03 | EP 2877779 | 2020-May-06 | 2877779 | 2033-Jul-25 | Yes |
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| GB | 2013-Nov-06 | 13852913.6 | 2015-Sep-16 | EP2917633 | 2022-Jan-05 | 2917633 | 2033-Nov-05 | |
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| GB | 2015-Jan-06 | 15700959.8 | 2016-Jul-13 | EP 3042548 | 2017-May-31 | 3042548 | 2035-Jan-05 | Yes |
| GB | 2015-Jan-15 | 15703469.5 | 2016-Dec-07 | EP 3099161 | 2019-Nov-20 | 3099161 | 2035-Jan-14 | Yes |
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| GB | 2015-Jan-26 | EP15701207.1 | 2016-Dec-07 | EP 3099974 | 2017-Sep-13 | 3099974 | 2035-Jan-25 | Yes |
| GB | 2015-Jan-27 | EP15703247.5 | 2016-Oct-19 | EP 3080512 | 2017-Jun-07 | 3080512 | 2035-Jan-26 | Yes |
| GB | 2015-Jan-30 | 15702252.6 | 2016-Dec-07 | EP | 2019-Mar-13 | 3100250 | 2035-Jan-29 | Yes |
| GB | 2015-Jan-30 | 19155288.4 | 2019-Jul-17 | EP 3511918 | 2023-May-17 | 3511918 | 2035-Jan-29 | Yes |
| GB | 2015-Feb-09 | 15710002.5 | 2017-Jan-04 | EP | 2019-Jan-30 | 3111727 | 2035-Feb-08 | Yes |
| GB | 2015-Feb-13 | EP15704536.0 | 2017-Jan-04 | EP 3111725 | 2022-Aug-17 | 3111725 | 2035-Feb-12 | Yes |
| GB | 2015-Feb-16 | 15711291.3 | 2017-Jan-04 | EP | 2020-Jan-01 | 3111729 | 2035-Feb-15 | |
| GB | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 3061320 | 2035-Feb-22 | |
| GB | 2015-Mar-05 | 15707968.2 | 2016-Feb-17 | EP 2984399 | 2016-Jul-27 | 2984399 | 2035-Mar-04 | Yes |
| GB | 2015-Mar-11 | 16190614.4 | 2017-May-10 | 3165809-A | 2021-Sep-29 | 3165809 | 2035-Mar-10 | Yes |
| GB | 2015-Mar-11 | 15709474.9 | 2016-Mar-02 | EP 2989373 | 2016-Nov-16 | 2989373 | 2035-Mar-10 | Yes |
| GB | 2015-Mar-12 | EP15714648.1 | 2017-Feb-01 | EP 3123835 | 2019-Feb-27 | 3123835 | 2035-Mar-11 | Yes |
| GB | 2015-Mar-17 | 15709960.7 | 2017-Jan-25 | EP 3120671 | 2018-Sep-12 | 3120671 | 2035-Mar-16 | Yes |
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| GB | 2015-Jun-01 | EP15723985.6 | 2017-May-10 | 3164638-A | 2018-Aug-15 | 3164638 | 2035-May-31 | |
| GB | 2015-Jun-02 | 15724725.5 | 2016-Nov-23 | EP | 2017-Aug-09 | 3095002 | 2035-Jun-01 | Yes |
| GB | 2015-Jun-08 | 15725683.5 | 2016-Aug-17 | EP | 2017-Apr-05 | 3056066 | 2035-Jun-07 | |
| GB | 2015-Jun-24 | EP15731323.0 | 2017-May-10 | 3164928-A | 2019-Aug-07 | 3164928 | 2035-Jun-23 | |
| GB | 2015-Jul-02 | 15733747.8 | 2016-Dec-14 | EP | 2017-Jun-07 | 3102870 | 2035-Jul-01 | Yes |

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| GB | 2015-Jul-06 | 15734185.0 | 2017-May-17 | 3167225-A | 2017-Nov-01 | 3167225 | 2035-Jul-05 | Yes |
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| GB | 2015-Aug-27 | 15771313.2 | 2017-Jul-05 | EP3186552 | 2020-Aug-12 | 3186552 | 2035-Aug-26 | Yes |
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| GB | 2015-Dec-03 | 15851620.3 | 2017-Aug-02 | EP 3198997 | 2019-Feb-20 | 3198997 | 2035-Dec-02 | Yes |
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| GB | 2016-Mar-07 | 16158978.3 | | | 2019-Sep-11 | 3065511 | 2036-Mar-06 | Yes |
| GB | 2016-Mar-07 | 16158975.9 | | | 2020-Dec-16 | 3065510 | 2036-Mar-06 | Yes |
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| GB | 2016-Mar-11 | 19172759.3 | | | 2022-Nov-16 | 3570643 | 2036-Mar-10 | Yes |
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| GB | 2016-May-18 | EP16170050.5 | 2016-Dec-07 | EP 3102003 | 2017-Aug-16 | 3102003 | 2036-May-17 | |
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| GB | 2016-Aug-09 | EP16757574.5 | 2018-Jul-04 | EP 3342257 | 2019-Jul-31 | 3342257 | 2036-Aug-08 | Yes |
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| HK | 2001-Apr-24 | 08106879.5 | 2012-Jul-27 | 1112153-B | 2012-Jul-27 | 1112153 | 2021-Apr-24 | |
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| HK | 2005-Dec-02 | 08102545.8 | | | 2012-Aug-10 | 1111856 | 2025-Dec-02 | |
| HK | 2010-Jul-07 | 12107883.1 | 2012-Nov-23 | HK 1167202 | 2016-Sep-21 | 1167202B | 2030-Jul-07 | |
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| HU | 2005-Sep-19 | 21213937.2 | 2022-Jun-08 | EP 4008949 | 2024-Jan-10 | 4008949 | 2025-Sep-19 | |
| HU | 2005-Sep-19 | 20169373.6 | 2020-Oct-14 | EP 3722665 | 2022-Jan-05 | 3722665 | 2025-Sep-19 | |
| HU | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| HU | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| HU | 2006-May-19 | EP20189413.6 | 2021-Jan-27 | 3770980 | 2024-Aug-07 | 3770980 | | |
| HU | 2006-May-24 | 06765708.0 | | | 2009-Mar-18 | E005833 | 2026-May-24 | |

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| HU | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | 2020-Nov-18 | 2999314 | 2027-May-31 | |
| HU | 2010-Aug-13 | EP 10808822.0 | 2012-Jun-20 | EP 2465329 | 2019-Oct-16 | 2465329 | 2030-Aug-13 | Yes |
| HU | 2011-Sep-19 | 14177579.1 | 2014-Oct-22 | EP 2792936 | 2019-Nov-06 | 2792936 | 2031-Sep-19 | Yes |
| HU | 2011-Dec-09 | 19213280.1 | 2020-May-20 | EP 3653924 | 2024-Apr-17 | 3653924 | 2031-Dec-09 | |
| HU | 2012-Jan-20 | EP 12737154.0 | 2013-Nov-27 | EP2666220 | 2019-Sep-18 | 2666220 | 2032-Jan-20 | Yes |
| HU | 2012-Feb-28 | 12752072.4 | 2012-Sep-07 | EP2681484 | 2023-Nov-08 | 2681484 | 2032-Feb-28 | |
| HU | 2012-Mar-15 | 12711261.3 | 2014-Jan-29 | EP 2689182 | 2020-May-20 | 2689182 | 2032-Mar-15 | Yes |
| HU | 2016-Mar-07 | 16158975.9 | | | 2020-Dec-16 | 3065510 | 2036-Mar-07 | Yes |
| HU | 2016-Mar-11 | 19172759.3 | | | 2022-Nov-16 | 3570643 | 2036-Mar-11 | Yes |
| HU | 2017-Dec-18 | 20151415.5 | 2020-Jun-24 | EP 3671010 | 2021-Nov-10 | 3671010 | 2037-Dec-18 | |
| HU | 2019-Oct-21 | 19787278.1 | 2021-Sep-08 | EP 3874196 | 2022-Dec-28 | 3874196 | 2039-Oct-21 | Yes |
| ID | 2009-Jun-12 | W00 2010 04253 | 2011-Feb-24 | 0510804A | | | 2029-Jun-12 | Yes |
| ID | 2010-Apr-23 | W-00 2011 04014 | 2012-Jun-28 | 2012/02941-A | | | 2030-Apr-23 | |
| ID | 2013-Dec-05 | P-00 2015 03382 | 2016-Jun-17 | 2016/04002 | 2019-Jan-08 | IDP000055643 | 2033-Dec-05 | |
| ID | 2014-Jul-09 | P-00 2016 00485 | | | 2019-Jun-17 | IDP000059636 | 2034-Jul-09 | |
| IE | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| IE | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| IE | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| IE | 2000-Nov-20 | 15169577.2 | 2016-Jan-20 | EP 2975912 | 2022-Apr-27 | 2975912 | | |
| IE | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| IE | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| IE | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| IE | 2004-Apr-21 | 20172248.5 | 2020-Oct-14 | EP 3722533 | 2022-Oct-26 | 3722533 | 2024-Apr-21 | |
| IE | 2005-Sep-19 | 20169373.6 | 2020-Oct-14 | EP 3722665 | 2022-Jan-05 | 3722665 | 2025-Sep-19 | |
| IE | 2005-Sep-19 | 21213937.2 | 2022-Jun-08 | EP 4008949 | 2024-Jan-10 | 4008949 | 2025-Sep-19 | |
| IE | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| IE | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| IE | 2006-May-19 | EP20189413.6 | 2021-Jan-27 | 3770980 | 2024-Aug-07 | 3770980 | | |
| IE | 2006-Sep-15 | 06775996.9 | 2008-Jul-02 | EP 1938666 | 2012-May-30 | 1938666 | 2026-Sep-15 | |
| IE | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | 2020-Nov-18 | 2999314 | 2027-May-31 | |
| IE | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | 2028-Mar-12 | |
| IE | 2010-Feb-26 | 10708388.3 | 2012-Jan-11 | EP 2404485 | 2020-May-20 | 2404485 | 2030-Feb-26 | Yes |
| IE | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| IE | 2010-Aug-13 | 10808816.2 | 2012-Jun-20 | EP 2465174 | 2019-Jan-09 | 2465174 | 2030-Aug-13 | |
| IE | 2010-Aug-13 | EP 10808822.0 | 2012-Jun-20 | EP 2465329 | 2019-Oct-16 | 2465329 | 2030-Aug-13 | Yes |
| IE | 2011-Jul-29 | 17200852.6 | 2018-Jul-11 | EP 3346593 | 2019-Sep-11 | 3346593 | 2031-Jul-29 | |
| IE | 2011-Dec-09 | 19213280.1 | 2020-May-20 | EP 3653924 | 2024-Apr-17 | 3653924 | | |
| IE | 2012-Aug-30 | 12759831.6 | 2014-Jul-09 | EP2751477 | 2018-Apr-25 | 2751477 | 2032-Aug-30 | Yes |
| IE | 2013-Apr-25 | 13727651.5 | 2015-Mar-11 | EP 2845445 | 2021-Aug-11 | 2845445 | 2033-Apr-25 | |
| IE | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| IE | 2015-Jun-01 | EP15723985.6 | 2017-May-10 | 3164638-A | 2018-Aug-15 | 3164638 | 2035-Jun-01 | |
| IE | 2016-Mar-07 | 16158975.9 | | | 2020-Dec-16 | 3065510 | 2036-Mar-07 | Yes |
| IN | 1999-Sep-17 | IN/PCT/00/00088 | | | 2007-Oct-08 | 210549 | 2019-Sep-17 | |
| IN | 2000-Jun-22 | IN/PCT/01/00256 | | | 2007-Nov-13 | 211993 | 2020-Jun-22 | |
| IN | 2005-Jun-23 | 1611/MUMNP/2006 | | | | | 2025-Jun-23 | |
| IN | 2005-Oct-12 | 683/MUMNP/2007 | | | | | 2025-Oct-12 | |
| IN | 2005-Oct-12 | 684/MUMNP/2007 | | | | | 2025-Oct-12 | |
| IN | 2005-Dec-02 | 2338/KOLNP/2007 | | | 2015-Nov-30 | 270149 | 2025-Dec-02 | |
| IN | 2005-Dec-16 | 413/MUMNP/2008 | | | | | 2025-Dec-16 | |
| IN | 2006-May-11 | 5409/CHENP/2007 | | | 2016-Mar-11 | 271955 | 2026-May-11 | |
| IN | 2006-May-24 | 5411/CHENP/2007 | | | 2015-Jun-16 | 266914 | 2026-May-24 | |
| IN | 2006-Sep-15 | 1527/CHENP/2008 | | | 2016-May-31 | 273359 | 2026-Sep-15 | |
| IN | 2006-Sep-25 | 1494/CHENP/2008 | | | 2021-Apr-30 | 365765 | 2026-Sep-25 | |
| IN | 2006-Oct-06 | 1848/CHENP/2008 | | | 2017-Jan-30 | 279727 | 2026-Oct-06 | |
| IN | 2006-Oct-16 | 2083/CHENP/2008 | | | 2016-Mar-21 | 272161 | 2026-Oct-16 | |
| IN | 2006-Nov-13 | 2472/CHENP/2008 | | | 2016-Dec-16 | 278219 | 2026-Nov-13 | |
| IN | 2006-Nov-20 | 2527/CHENP/2008 | | | 2017-Jan-20 | 279420 | 2026-Nov-20 | |
| IN | 2006-Dec-12 | 2959/CHENP/2008 | | | 2016-Nov-09 | 277063 | 2026-Dec-12 | |
| IN | 2007-Jan-10 | 3715/CHENP/2008 | | | 2017-Mar-09 | 281232 | 2027-Jan-10 | |
| IN | 2007-Jan-26 | 4002/CHENP/2008 | | | 2016-Oct-19 | 276394 | 2027-Jan-26 | |
| IN | 2007-Apr-20 | 5937/CHENP/2008 | | | 2016-Aug-05 | 274743 | 2027-Apr-20 | |
| IN | 2007-Jun-19 | 6765/CHENP/2008 | | | 2018-Apr-09 | 295589 | 2027-Jun-19 | |
| IN | 2007-Jun-22 | 6676/CHENP/2008 | | | 2019-Mar-15 | 309313 | 2027-Jun-22 | Yes |
| IN | 2007-Jul-03 | 126/CHENP/2009 | | | 2017-Dec-22 | 290983 | 2027-Jul-03 | |
| IN | 2007-Jul-10 | 501/CHENP/2009 | | | | | 2027-Jul-10 | Yes |
| IN | 2007-Jul-27 | 525/CHENP/2009 | | | | | 2027-Jul-27 | |
| IN | 2007-Aug-09 | 4602/CHENP/2009 | | | 2018-Dec-19 | 304668 | 2027-Aug-09 | |
| IN | 2007-Aug-10 | 883/CHENP/2009 | | | | | 2027-Aug-10 | |
| IN | 2007-Aug-17 | 882/CHENP/2009 | | | 2018-Feb-13 | 292863 | 2027-Aug-17 | |
| IN | 2007-Aug-22 | 974/CHENP/2009 | | | 2018-May-31 | 297272 | 2027-Aug-22 | |
| IN | 2007-Aug-30 | 1362/CHENP/2009 | | | | | 2027-Aug-30 | |
| IN | 2007-Sep-03 | 1845/CHENP/2009 | | | | | 2027-Sep-03 | |
| IN | 2007-Sep-18 | 2287/CHENP/2009 | | | 2017-Oct-20 | 288556 | 2027-Sep-18 | Yes |
| IN | 2007-Sep-18 | 2289/CHENP/2009 | | | 2020-Jul-08 | 340926 | 2027-Sep-18 | |

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| IN | 2007-Sep-20 | 2428/CHENP/2009 | | | | | 2027-Sep-20 | |
| IN | 2007-Sep-20 | 2426/CHENP/2009 | | | 2019-May-02 | 312219 | 2027-Sep-20 | |
| IN | 2007-Sep-20 | 2431/CHENP/2009 | | | 2020-Jul-07 | 340703 | 2027-Sep-20 | |
| IN | 2007-Sep-20 | 2045/CHENP/2009 | | | 2019-Nov-27 | 325958 | 2027-Sep-20 | |
| IN | 2007-Oct-11 | 2645/CHENP/2009 | | | 2017-Oct-09 | 288178 | 2027-Oct-11 | |
| IN | 2007-Oct-12 | 2642/CHENP/2009 | | | 2018-Jan-18 | 291839 | 2027-Oct-12 | |
| IN | 2007-Oct-19 | 2701/CHENP/2009 | | | 2017-Jul-11 | 285046 | 2027-Oct-19 | |
| IN | 2007-Oct-31 | 3012/CHENP/2009 | | | 2017-Oct-19 | 288532 | 2027-Oct-31 | |
| IN | 2007-Nov-08 | 3282/CHENP/2009 | | | 2017-Oct-24 | 288605 | 2027-Nov-08 | |
| IN | 2007-Nov-09 | 3217/CHENP/2009 | | | 2019-Nov-22 | 325602 | 2027-Nov-09 | |
| IN | 2007-Nov-27 | 3697/CHENP/2009 | | | 2019-Apr-04 | 310884 | 2027-Nov-27 | |
| IN | 2007-Nov-27 | 3470/CHENP/2009 | | | 2017-Nov-08 | 289384 | 2027-Nov-27 | |
| IN | 2007-Dec-07 | 3934/CHENP/2009 | | | 2019-Jul-09 | 315725 | 2027-Dec-07 | |
| IN | 2007-Dec-10 | 4071/CHENP/2009 | | | | | 2027-Dec-10 | |
| IN | 2007-Dec-11 | 4031/CHENP/2009 | | | 2017-Dec-05 | 290267 | 2027-Dec-11 | |
| IN | 2007-Dec-11 | 4032/CHENP/2009 | | | 2019-Aug-14 | 318170 | 2027-Dec-11 | |
| IN | 2007-Dec-12 | 4067/CHENP/2009 | | | | | 2027-Dec-12 | |
| IN | 2007-Dec-14 | 4207/CHENP/2009 | | | 2019-May-07 | 312390 | 2027-Dec-14 | Yes |
| IN | 2007-Dec-17 | 4206/CHENP/2009 | | | 2019-Aug-13 | 318105 | 2027-Dec-17 | |
| IN | 2008-Mar-03 | 5776/CHENP/2009 | | | 2019-Sep-26 | 321607 | 2028-Mar-03 | Yes |
| IN | 2008-Mar-31 | 6310/CHENP/2009 | | | 2017-Jul-31 | 285915 | 2028-Mar-31 | |
| IN | 2008-Apr-11 | 6602/CHENP/2009 | | | 2018-Mar-26 | 294852 | 2028-Apr-11 | |
| IN | 2008-Apr-23 | 6827/CHENP/2009 | | | 2018-Jan-10 | 291584 | 2028-Apr-23 | |
| IN | 2008-Apr-23 | 6966/CHENP/2009 | | | 2019-Dec-11 | 327165 | 2028-Apr-23 | |
| IN | 2008-Apr-30 | 7331/CHENP/2009 | | | | | 2028-Apr-30 | |
| IN | 2008-May-01 | 6974/CHENP/2009 | | | 2017-Nov-02 | 289132 | 2028-May-01 | |
| IN | 2008-May-02 | 7026/CHENP/2009 | | | 2017-Oct-17 | 288489 | 2028-May-02 | |
| IN | 2008-May-02 | 7333/CHENP/2009 | | | 2019-Sep-12 | 320268 | 2028-May-02 | |
| IN | 2008-May-22 | 7260/CHENP/2009 | | | 2019-May-08 | 312483 | 2028-May-22 | Yes |
| IN | 2008-Jun-09 | 121/CHENP/2010 | | | | | 2028-Jun-09 | |
| IN | 2008-Jul-25 | 1007/CHENP/2010 | | | | | 2028-Jul-25 | |
| IN | 2008-Aug-22 | 1406/CHENP/2010 | | | 2019-Apr-08 | 310983 | 2028-Aug-22 | Yes |
| IN | 2008-Sep-16 | 2280/CHENP/2010 | | | 2018-Mar-15 | 294365 | 2028-Sep-16 | |
| IN | 2008-Oct-08 | 2584/CHENP/2010 | | | 2020-May-19 | 337087 | 2028-Oct-08 | |
| IN | 2008-Nov-03 | 3242/CHENP/2010 | | | 2019-Dec-03 | 326627 | 2028-Nov-03 | Yes |
| IN | 2008-Dec-02 | 4134/CHENP/2010 | | | 2019-Mar-26 | 309898 | 2028-Dec-02 | |
| IN | 2008-Dec-22 | 4501/CHENP/2010 | | | 2022-Apr-05 | 394234 | 2028-Dec-22 | |
| IN | 2008-Dec-29 | 4633/CHENP/2010 | | | 2020-Sep-07 | 346189 | 2028-Dec-29 | |
| IN | 2009-Jan-13 | 4967/CHENP/2010 | | | 2020-Jun-30 | 339895 | 2029-Jan-13 | Yes |
| IN | 2009-Apr-03 | 6994/CHENP/2010 | 2011-Jul-22 | 6994/CHENP/2010 | | | 2029-Apr-03 | |
| IN | 2009-Apr-29 | 7649/CHENP/2010 | | | 2020-Aug-31 | 345741 | 2029-Apr-29 | |
| IN | 2009-May-20 | 8111/CHENP/2010 | | | 2018-Oct-09 | 301984 | 2029-May-20 | |
| IN | 2009-Jun-03 | 8420/CHENP/2010 | | | 2019-Sep-23 | 321121 | 2029-Jun-03 | Yes |
| IN | 2009-Jun-12 | 177/CHENP/2011 | | | 2020-Aug-27 | 345327 | 2029-Jun-12 | |
| IN | 2009-Jun-12 | 174/CHENP/2011 | | | 2020-Jul-13 | 341302 | 2029-Jun-12 | Yes |
| IN | 2009-Jul-10 | 800/CHENP/2011 | | | 2020-Feb-17 | 332145 | 2029-Jul-10 | |
| IN | 2009-Jul-22 | 1260/CHENP/2011 | | | 2018-Jul-05 | 298534 | 2029-Jul-22 | |
| IN | 2009-Aug-11 | 1688/CHENP/2011 | | | 2020-Jul-09 | 341006 | 2029-Aug-11 | |
| IN | 2009-Sep-11 | 2446/CHENP/2011 | | | | | 2029-Sep-11 | Yes |
| IN | 2009-Sep-16 | 2526/CHENP/2011 | | | 2020-Sep-17 | 347039 | 2029-Sep-16 | Yes |
| IN | 2009-Sep-18 | 2638/CHENP/2011 | | | 2019-Aug-09 | 318027 | 2029-Sep-18 | Yes |
| IN | 2009-Nov-12 | 4162/CHENP/2011 | | | 2020-Jun-23 | 339131 | 2029-Nov-12 | |
| IN | 2009-Nov-26 | 4575/CHENP/2011 | | | 2020-Oct-13 | 349160 | 2029-Nov-26 | Yes |
| IN | 2009-Nov-27 | 4708/CHENP/2011 | | | 2019-Mar-07 | 308776 | 2029-Nov-27 | |
| IN | 2009-Nov-30 | 5643/CHENP/2011 | | | 2018-Aug-02 | 299664 | 2029-Nov-30 | |
| IN | 2010-Jan-04 | 5641/CHENP/2011 | | | 2020-Oct-29 | 350548 | 2030-Jan-04 | |
| IN | 2010-Jan-05 | 5642/CHENP/2011 | | | | | 2030-Jan-05 | |
| IN | 2010-Jan-12 | 6177/CHENP/2011 | | | 2023-Nov-28 | 473654 | 2030-Jan-12 | Yes |
| IN | 2010-Feb-02 | 6179/CHENP/2011 | | | 2021-Nov-29 | 383097 | 2030-Feb-02 | |
| IN | 2010-Feb-26 | 6796/CHENP/2011 | | | 2023-Mar-10 | 424774 | 2030-Feb-26 | Yes |
| IN | 2010-Mar-11 | 7028/CHENP/2011 | | | 2022-Feb-03 | 388444 | 2030-Mar-11 | |
| IN | 2010-Mar-11 | 7034/CHENP/2011 | | | 2021-Apr-08 | 364349 | 2030-Mar-11 | Yes |
| IN | 2010-Mar-15 | 7601/CHENP/2011 | | | 2019-Oct-17 | 323083 | 2030-Mar-15 | |
| IN | 2010-Mar-30 | 7929/CHENP/2011 | | | 2019-Mar-14 | 309228 | 2030-Mar-30 | |
| IN | 2010-Mar-31 | 8026/CHENP/2011 | | | 2020-Nov-04 | 350833 | 2030-Mar-31 | |
| IN | 2010-Apr-01 | 201948035723 | | | 2023-Nov-30 | 475537 | 2030-Apr-01 | |
| IN | 2010-Apr-01 | 8340/CHENP/2011 | | | 2023-Mar-09 | 424554 | 2030-Apr-01 | |
| IN | 2010-Apr-23 | 8629/CHENP/2011 | | | 2020-Mar-20 | 335480 | 2030-Apr-23 | |
| IN | 2010-May-05 | 9452/CHENP/2011 | | | 2018-Sep-05 | 300747 | 2030-May-05 | |
| IN | 2010-May-21 | 9567/CHENP/2011 | | | 2020-Sep-28 | 347990 | 2030-May-21 | |
| IN | 2010-May-26 | 9568/CHENP/2011 | | | 2020-Feb-12 | 331757 | 2030-May-26 | |
| IN | 2010-May-28 | 9705/CHENP/2011 | | | 2021-Jan-14 | 355836 | 2030-May-28 | Yes |
| IN | 2010-May-31 | 9711/CHENP/2011 | | | 2019-Jan-01 | 305191 | 2030-May-31 | Yes |
| IN | 2010-Jun-04 | IB2010/052491 | | | | | 2030-Jun-04 | |

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| IN | 2010-Jun-09 | 272/CHENP/2012 | | | 2022-Nov-28 | 412660 | 2030-Jun-09 | |
| IN | 2010-Jun-11 | 277/CHENP/2012 | | | 2020-Aug-12 | 343969 | 2030-Jun-11 | |
| IN | 2010-Jun-14 | 298/CHENP/2012 | | | 2020-Aug-14 | 344131 | 2030-Jun-14 | |
| IN | 2010-Jun-15 | 271/CHENP/2012 | | | 2021-Jan-14 | 355861 | 2030-Jun-15 | |
| IN | 2010-Jul-14 | 975/CHENP/2012 | | | 2022-Aug-29 | 404964 | 2030-Jul-14 | |
| IN | 2010-Jul-21 | 1030/CHENP/2012 | | | | | 2030-Jul-21 | Yes |
| IN | 2010-Aug-17 | 1525/CHENP/2012 | | | | | 2030-Aug-17 | Yes |
| IN | 2010-Aug-18 | 1526/CHENP/2012 | | | 2023-Jan-10 | 417399 | 2030-Aug-18 | |
| IN | 2010-Aug-18 | 1527/CHENP/2012 | | | 2019-Oct-04 | 322334 | 2030-Aug-18 | Yes |
| IN | 2010-Aug-30 | 1590/CHENP/2012 | | | 2019-Sep-30 | 322045 | 2030-Aug-30 | |
| IN | 2010-Sep-01 | 1713/CHENP/2012 | | | 2020-Jun-11 | 338374 | 2030-Sep-01 | |
| IN | 2010-Sep-07 | 2429/CHENP/2012 | | | 2018-Oct-03 | 301800 | 2030-Sep-07 | |
| IN | 2010-Sep-09 | 2155/CHENP/2012 | | | 2019-Nov-15 | 325155 | 2030-Sep-09 | |
| IN | 2010-Sep-09 | 2157/CHENP/2012 | | | 2020-Jan-02 | 328838 | 2030-Sep-09 | |
| IN | 2010-Sep-10 | 2063/CHENP/2012 | | | | | 2030-Sep-10 | Yes |
| IN | 2010-Sep-24 | 2325/CHENP/2012 | | | 2019-Dec-02 | 326490 | 2030-Sep-24 | Yes |
| IN | 2010-Sep-29 | 2777/CHENP/2012 | | | 2020-Jun-17 | 338626 | 2030-Sep-29 | |
| IN | 2010-Oct-07 | 202348008438 | | | | | | |
| IN | 2010-Oct-07 | 3894/CHENP/2012 | 2014-Feb-14 | 3894/CHENP/2012-A | 2023-Mar-09 | 424516 | 2030-Oct-07 | |
| IN | 2010-Oct-29 | 3462/CHENP/2012 | | | 2020-Mar-17 | 334925 | 2030-Oct-29 | Yes |
| IN | 2010-Oct-29 | 3461/CHENP/2012 | | | 2019-Jun-24 | 314555 | 2030-Oct-29 | |
| IN | 2010-Nov-22 | 5138/CHENP/2012 | | | 2021-Mar-17 | 361701 | 2030-Nov-22 | |
| IN | 2010-Nov-30 | 4268/CHENP/2012 | | | | | 2030-Nov-30 | |
| IN | 2010-Dec-10 | 4628/CHENP/2012 | | | 2021-Jul-27 | 372942 | 2030-Dec-10 | |
| IN | 2011-Feb-28 | 7115/CHENP/2012 | | | 2019-Dec-09 | 326951 | 2031-Feb-28 | |
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| IN | 2011-Mar-11 | 7755/CHENP/2012 | | | 2021-Mar-08 | 360445 | 2031-Mar-11 | |
| IN | 2011-Apr-01 | 8057/CHENP/2012 | | | 2021-May-29 | 367981 | 2031-Apr-01 | |
| IN | 2011-Apr-27 | 8526/CHENP/2012 | | | 2020-Jan-06 | 328971 | 2031-Apr-27 | |
| IN | 2011-Jun-20 | 352/CHENP/2013 | 2016-May-20 | 352/CHENP/2013 A | | | 2031-Jun-20 | Yes |
| IN | 2011-Jun-24 | 1048/CHENP/2013 | 2016-Aug-31 | 1048/CHENP/2013-A | | | 2031-Jun-24 | |
| IN | 2011-Jun-30 | 350/CHENP/2013 | 2016-May-20 | 350/CHENP/2013-A | 2019-Nov-11 | 324855 | 2031-Jun-30 | |
| IN | 2011-Jul-14 | 1046/CHENP/2013 | 2016-Aug-31 | 1046/CHENP/2013-A | 2023-Feb-17 | 422118 | 2031-Jul-14 | |
| IN | 2011-Aug-11 | 1305/CHENP/2013 | | | 2021-Jan-19 | 356055 | 2031-Aug-11 | |
| IN | 2011-Oct-12 | 3097/CHENP/2013 | | | 2022-Dec-19 | 414906 | 2031-Oct-12 | Yes |
| IN | 2011-Dec-09 | 5816/CHENP/2013 | | | 2022-Jun-22 | 399851 | 2031-Dec-09 | |
| IN | 2011-Dec-09 | 202048049031 | | | 2023-Dec-15 | 483868 | 2031-Dec-09 | |
| IN | 2012-Jan-11 | 6499/CHENP/2013 | | | 2021-Aug-11 | 374346 | 2032-Jan-11 | |
| IN | 2012-Feb-01 | 6984/CHENP/2013 | 2016-Jun-17 | 6984/CHENP/2013 A | 2019-Dec-12 | 327258 | 2032-Feb-01 | |
| IN | 2012-Mar-12 | 8137/CHENP/2013 | | | 2020-Mar-11 | 334351 | 2032-Mar-12 | |
| IN | 2012-Mar-22 | 8350/CHENP/2013 | | | 2021-Sep-28 | 378092 | 2032-Mar-22 | |
| IN | 2012-Mar-23 | 8353/CHENP/2013 | | | 2022-Feb-21 | 389802 | 2032-Mar-23 | |
| IN | 2012-Mar-27 | 8352/CHENP/2013 | | | 2019-Oct-30 | 323926 | 2032-Mar-27 | |
| IN | 2012-Mar-28 | 8503/CHENP/2013 | | | 2020-Mar-16 | 334725 | 2032-Mar-28 | Yes |
| IN | 2012-Mar-28 | 8345/CHENP/2013 | | | 2019-Jun-25 | 314628 | 2032-Mar-28 | Yes |
| IN | 2012-Apr-02 | 8224/CHENP/2013 | 2014-Dec-12 | 8224/CHENP/2013 A | 2021-Aug-16 | 374596 | 2032-Apr-02 | |
| IN | 2012-Apr-03 | 8531/CHENP/2013 | | | | | 2032-Apr-03 | |
| IN | 2012-May-11 | 9364/CHENP/2013 | | | 2021-Aug-05 | 373886 | 2032-May-11 | Yes |
| IN | 2012-May-14 | 9366/CHENP/2013 | | | 2022-Apr-29 | 395952 | 2032-May-14 | |
| IN | 2012-May-30 | 9530/CHENP/2013 | | | 2019-Nov-08 | 324761 | 2032-May-30 | Yes |
| IN | 2012-Jun-11 | 9749/CHENP/2013 | | | 2022-Aug-02 | 402847 | 2032-Jun-11 | Yes |
| IN | 2012-Jul-05 | 421/CHENP/2014 | | | 2020-Feb-05 | 331310 | 2032-Jul-05 | |
| IN | 2012-Jul-23 | 851/CHENP/2014 | 2016-Jul-01 | 851/CHENP/2014 A | 2022-Mar-17 | 392231 | 2032-Jul-23 | Yes |
| IN | 2012-Jul-24 | 664/CHENP/2014 | | | 2019-Jul-30 | 317072 | 2032-Jul-24 | |
| IN | 2012-Aug-02 | 846/CHENP/2014 | 2016-Aug-31 | 846/CHENP/2014-A | 2022-Jun-14 | 399190 | 2032-Aug-02 | Yes |
| IN | 2012-Sep-11 | 1872/CHENP/2014 | | | 2021-May-25 | 367505 | 2032-Sep-11 | Yes |
| IN | 2012-Sep-11 | 1875/CHENP/2014 | | | 2022-Sep-27 | 407679 | 2032-Sep-11 | Yes |
| IN | 2012-Sep-14 | 1726/CHENP/2014 | 2016-Jul-01 | 1726/CHENP/2014-A | 2021-Jan-15 | 355925 | 2032-Sep-14 | Yes |
| IN | 2012-Oct-05 | 2303/CHENP/2014 | | | 2022-Dec-26 | 415491 | 2032-Oct-05 | |
| IN | 2012-Oct-12 | 2381/CHENP/2014 | | | 2022-Dec-26 | 415460 | 2032-Oct-12 | |
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| IN | 2012-Oct-19 | 2538/CHENP/2014 | | | 2019-Oct-29 | 323905 | 2032-Oct-19 | |
| IN | 2012-Nov-16 | 3658/CHENP/2014 | | | 2023-Aug-02 | 442447 | 2032-Nov-16 | |
| IN | 2012-Dec-04 | 4756/CHENP/2014 | | | 2023-Mar-21 | 426134 | 2032-Dec-04 | Yes |
| IN | 2012-Dec-10 | 5015/CHENP/2014 | | | 2020-May-11 | 336655 | 2032-Dec-10 | Yes |
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| IN | 2013-Jan-02 | 5395/CHENP/2014 | | | 2022-Aug-22 | 404029 | 2033-Jan-02 | |
| IN | 2013-Jan-02 | 2647/CHENP/2014 | | | 2021-Nov-29 | 382966 | 2033-Jan-02 | |
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| IN | 2013-Jan-10 | 5544/CHENP/2014 | | | 2024-Feb-12 | 509613 | 2033-Jan-10 | |
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| IN | 2013-Jan-18 | 5980/CHENP/2014 | 2016-Jul-01 | 5980/CHENP/2014-A | 2023-Sep-12 | 450823 | 2033-Jan-18 | |

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| IN | 2013-Jan-25 | 6044/CHENP/2014 | 2016-Jul-01 | 6044/CHENP/2014 A | 2021-Jun-22 | 369850 | 2033-Jan-25 | |
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| IN | 2013-Feb-08 | 6256/CHENP/2014 | 2016-Jul-01 | 6256/CHENP/2014 A | 2019-Nov-25 | 325777 | 2033-Feb-08 | |
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| IN | 2013-Feb-22 | 6342/CHENP/2014 | 2016-Jul-01 | 6342/CHENP/2014 A | 2022-Oct-27 | 410077 | 2033-Feb-22 | |
| IN | 2013-Mar-06 | 7084/CHENP/2014 | 2016-Jul-01 | 7084CHENP2014 A | 2022-Nov-01 | 410693 | 2033-Mar-06 | Yes |
| IN | 2013-Mar-07 | 7177/CHENP/2014 | 2016-Jul-01 | 7177/CHENP/2014-A | 2021-Jun-18 | 369669 | 2033-Mar-07 | |
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| IN | 2013-May-22 | 9058/CHENP/2014 | 2016-Jul-01 | 9058/CHENP/2014 A | 2023-Jul-20 | 439617 | 2033-May-22 | |
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| IN | 2013-Jul-08 | 662/CHENP/2015 | 2016-Jul-01 | 662/CHENP/2015 A | 2023-Jul-24 | 440266 | 2033-Jul-08 | Yes |
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| IN | 2014-Feb-25 | 942/CHE/2014 | | | | | 2034-Feb-25 | Yes |
| IN | 2014-Mar-11 | 6162/CHENP/2015 | | | 2023-Mar-22 | 426174 | 2034-Mar-11 | Yes |
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| IN | 2014-Jun-16 | 2886/CHENP/2015 | | | 2021-Jan-21 | 356353 | 2034-Jun-16 | Yes |
| IN | 2014-Jun-27 | 201647001861 | | | 2022-Oct-27 | 410034 | 2034-Jun-27 | Yes |
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| IN | 2014-Jul-09 | 201647002051 | | | 2023-Jul-20 | 439598 | 2034-Jul-09 | |
| IN | 2014-Jul-16 | 201647002046 | | | 2023-Jun-28 | 436262 | 2034-Jul-16 | Yes |
| IN | 2014-Jul-18 | 201647006591 | 2016-Jul-01 | 201647006591 A | 2021-Jul-22 | 372456 | 2034-Jul-18 | Yes |
| IN | 2014-Jul-23 | 201647002050 | | | 2022-Mar-11 | 391827 | 2034-Jul-23 | |
| IN | 2014-Aug-14 | 201647009495 | 2016-Aug-31 | 201647009495-A | 2020-Dec-29 | 354726 | 2034-Aug-14 | Yes |
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| IN | 2014-Aug-18 | 201647009320 | 2016-Aug-05 | 201647009320-A | 2023-Jul-31 | 441726 | 2034-Aug-18 | Yes |
| IN | 2014-Aug-19 | 201647009319 | 2016-Aug-05 | 201647009319-A | 2023-Aug-25 | 447353 | 2034-Aug-19 | |
| IN | 2014-Aug-22 | 201647010326 | 2016-Aug-31 | 201647010326-A | 2020-Aug-25 | 345080 | 2034-Aug-22 | Yes |
| IN | 2014-Aug-29 | 7796/CHENP/2015 | 2016-Aug-26 | 7796/CHENP/2015 A | 2022-Mar-16 | 392115 | 2034-Aug-29 | Yes |
| IN | 2014-Sep-15 | 201647013609 | 2016-Aug-31 | 201647013609-A | 2020-Oct-15 | 349306 | 2034-Sep-15 | Yes |
| IN | 2014-Oct-08 | 201647015642 | 2016-Aug-31 | 201647015642-A | 2022-Nov-02 | 410784 | 2034-Oct-08 | Yes |
| IN | 2014-Oct-14 | 201647016574 | 2016-Aug-31 | 201647016574-A | 2022-Jun-07 | 398718 | 2034-Oct-14 | |
| IN | 2014-Oct-24 | 201647019677 | 2016-Aug-31 | 201647019677-A | 2023-Apr-24 | 429864 | 2034-Oct-24 | |
| IN | 2014-Nov-04 | 201647009317 | 2016-Aug-05 | 201647009317-A | 2024-Jan-08 | 495948 | 2034-Nov-04 | Yes |
| IN | 2014-Nov-12 | 201647020701 | 2016-Aug-31 | 201647020701-A | 2022-Jul-05 | 400833 | 2034-Nov-12 | |
| IN | 2014-Dec-05 | 201647022728 | 2016-Aug-31 | 201647022728-A | 2021-Jul-26 | 372718 | 2034-Dec-05 | Yes |
| IN | 2014-Dec-11 | 201647000256 | | | 2022-Jun-24 | 399987 | 2034-Dec-11 | Yes |
| IN | 2014-Dec-23 | 4680/CHENP/2015 | | | 2021-Feb-25 | 359610 | 2034-Dec-23 | |
| IN | 2014-Dec-29 | 201647027501 | 2016-Sep-30 | 201647027501-A | 2023-Sep-27 | 455408 | 2034-Dec-29 | Yes |
| IN | 2014-Dec-31 | 201647026613 | 2016-Aug-31 | 201647026613-A | 2023-Jun-02 | 433642 | 2034-Dec-31 | Yes |
| IN | 2015-Jan-06 | 201647012969 | 2016-Aug-05 | 201647012969-A | 2020-Jan-30 | 330878 | 2035-Jan-06 | Yes |
| IN | 2015-Jan-15 | 201647029031 | 2016-Oct-07 | 201647029031-A | 2023-Mar-14 | 425049 | 2035-Jan-15 | Yes |
| IN | 2015-Jan-21 | 201647029040 | 2016-Oct-07 | 201647029040-A | 2021-Jul-27 | 372811 | 2035-Jan-21 | Yes |
| IN | 2015-Jan-26 | 201647029032 | 2016-Oct-07 | 201647029032-A | | | | Yes |

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| IN | 2015-Jan-27 | 201647000259 | | | 2024-Mar-07 | 521990 | 2035-Jan-27 | Yes |
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| IN | 2015-Feb-09 | 201647032347 | 2016-Nov-11 | 201647032347-A | 2023-Mar-02 | 423899 | 2035-Feb-09 | Yes |
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| IN | 2015-Feb-23 | 201647018659 | 2016-Aug-26 | 201647018659-A | 2023-Oct-31 | 464242 | 2035-Feb-23 | |
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| IN | 2015-Mar-11 | 201647000262 | | | 2023-Feb-28 | 423616 | 2035-Mar-11 | Yes |
| IN | 2015-Mar-11 | 201948032114 | | | 2023-Oct-10 | 458106 | 2035-Mar-11 | Yes |
| IN | 2015-Mar-12 | 201647035835 | 2016-Nov-25 | 201647035835-A | 2022-Aug-29 | 404802 | 2035-Mar-12 | Yes |
| IN | 2015-Mar-17 | 201647035143 | 2016-Nov-25 | 201647035143-A | 2023-Nov-13 | 468498 | 2035-Mar-17 | Yes |
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| IN | 2016-Apr-21 | 201747037680 | 2017-Nov-03 | IN 201747037680 | 2023-Jul-14 | 438813 | 2036-Apr-21 | Yes |
| IN | 2016-Apr-22 | 201747042591 | 2017-Dec-22 | IN 201747042591 | 2023-Sep-22 | 453957 | 2036-Apr-22 | Yes |
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| IN | 2016-Jun-08 | 201847001868 | 2018-Feb-02 | IN 201847001868 | 2023-Nov-09 | 467772 | 2036-Jun-08 | Yes |
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| IN | 2016-Aug-24 | 201847007143 | | | 2023-Feb-27 | 423375 | 2036-Aug-24 | Yes |
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| IT | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| IT | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| IT | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
| IT | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
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| IT | 1999-Sep-08 | 99969780.8 | 2000-Nov-02 | EP 1047904 | 2013-Apr-24 | 1047904 | 2019-Sep-08 | |
| IT | 1999-Sep-17 | 99948820.8 | | EP 1046196 | 2008-Jan-16 | 1046196 | 2019-Sep-17 | |
| IT | 2000-Apr-06 | 00926827.7 | 2001-Apr-04 | EP 1088350 | 2011-Nov-23 | 1088350 | 2020-Apr-06 | |
| IT | 2000-Jun-22 | 00947862.9 | | EP 1108180 | 2008-Jul-30 | 1108180 | 2020-Jun-22 | |
| IT | 2000-Jul-14 | 05077467.8 | | EP 1624728 | 2009-May-06 | 1624728 | 2020-Jul-14 | |
| IT | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
| IT | 2000-Jul-14 | 09160257.3 | | EP 2139299 | 2011-Mar-02 | 2139299 | 2020-Jul-14 | |
| IT | 2000-Nov-20 | 00980578.9 | 2002-Aug-28 | EP 1234140 | 2005-Aug-10 | 1234140 | 2020-Nov-20 | |
| IT | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| IT | 2000-Dec-01 | 00126263.3 | 2001-Jun-13 | EP 1106915 | 2002-Sep-25 | 1106915 | 2020-Dec-01 | |

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| IT | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| IT | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
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| IT | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | 2364067 | 2021-Jun-21 | |
| IT | 2001-Aug-14 | 01203099.5 | | EP 1182396 | 2009-Oct-14 | 1182396 | 2021-Aug-14 | |
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| IT | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| IT | 2001-Dec-20 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-20 | |
| IT | 2002-Jan-14 | 02075145.9 | 2002-Jul-31 | EP 1227559 | 2011-Jul-27 | 1227559 | 2022-Jan-14 | |
| IT | 2002-May-10 | 02734387.0 | 2004-Feb-11 | EP 1388276 | 2011-Aug-10 | 1388276 | 2022-May-10 | |
| IT | 2002-May-30 | 02739485.7 | | EP 1393599 | 2010-May-05 | 1393599 | 2022-May-30 | |
| IT | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| IT | 2002-Jul-23 | 02755430.2 | 2004-May-06 | EP 1415345 | 2014-Apr-23 | 1415345 | 2022-Jul-23 | |
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| IT | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| IT | 2003-Nov-11 | 03758604.7 | | EP 1568255 | 2010-Mar-03 | 1568255 | 2023-Nov-11 | |
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| IT | 2003-Dec-11 | 03777081.5 | | EP 1576858 | 2008-Dec-03 | 1576858 | 2023-Dec-11 | |
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| IT | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 3002512 | 2024-Apr-21 | |
| IT | 2004-Apr-21 | 20172248.5 | 2020-Oct-14 | EP 3722533 | 2022-Oct-26 | 3722533 | 2024-Apr-21 | |
| IT | 2004-Apr-21 | 18182693.4 | 2018-Dec-26 | EP 3419388 | 2020-Jun-17 | 3419388 | 2024-Apr-21 | |
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| IT | 2005-Jul-06 | 05761104.8 | 2007-Apr-04 | EP 1769560 | 2016-Sep-07 | 1769560 | 2025-Jul-06 | |
| IT | 2005-Aug-02 | 05772133.4 | 2007-May-09 | EP 1782660 | 2011-Oct-12 | 1782660 | 2025-Aug-02 | |
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| IT | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 1825717 | 2025-Nov-23 | |
| IT | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
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| IT | 2006-Jun-15 | 06765753.6 | 2008-Mar-12 | EP 1897332 | 2015-Oct-14 | 1897332 | 2026-Jun-15 | Yes |
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| IT | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| IT | 2007-Jul-05 | 07825886.0 | | EP 2052181 | 2010-Mar-31 | 2052181 | 2027-Jul-05 | |
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| IT | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | 2103190 | 2027-Dec-07 | |
| IT | 2008-Mar-03 | 08719540.0 | 2009-Nov-18 | EP 2117648 | 2015-Aug-26 | 2117648 | 2028-Mar-03 | Yes |
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| IT | 2008-Mar-14 | 18192950.6 | | | 2020-Aug-05 | 3445021 | 2028-Mar-14 | Yes |
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| IT | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | 2147576 | 2028-Apr-28 | |
| IT | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | 2019-Jul-10 | 2863104 | 2028-May-01 | |
| IT | 2008-May-02 | 08747545.5 | 2010-Feb-17 | EP 2153115 | 2021-Jul-07 | 2153115 | 2028-May-02 | |
| IT | 2008-May-05 | 08738079.6 | 2010-Jan-27 | EP 2147349 | 2013-Jul-17 | 2147349 | 2028-May-05 | |
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| IT | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 2163132 | 2028-Jun-23 | |
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| IT | 2008-Aug-28 | 08807484.4 | 2010-Jun-02 | EP 2190664 | 2016-Mar-16 | 2190664 | 2028-Aug-28 | Yes |
| IT | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| IT | 2008-Dec-16 | 08865696.2 | 2010-Sep-08 | EP 2225916 | 2017-May-10 | 2225916 | 2028-Dec-16 | Yes |
| IT | 2008-Dec-29 | 08870459.8 | 2010-Sep-22 | EP 2229803 | 2011-Oct-26 | 2229803 | 2028-Dec-29 | |
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| IT | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
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| IT | 2009-Sep-02 | 18205881.8 | 2019-Jun-12 | EP 3496511 | 2021-Feb-24 | 3496511 | 2029-Sep-02 | |
| IT | 2009-Sep-04 | 09787096.8 | 2011-Jun-01 | EP 2326869 | 2016-Jun-29 | 2326869 | 2029-Sep-04 | |
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| IT | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | 2359052 | 2029-Nov-12 | |
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| IT | 2010-Jul-07 | 10800332.8 | 2012-Jul-04 | EP 2471057 | 2020-Mar-25 | 2471057 | 2030-Jul-07 | |
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| IT | 2011-Jun-16 | 11754735.6 | 2013-Apr-24 | EP 2583536 | 2015-Feb-11 | 2583536 | 2031-Jun-16 | |

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| IT | 2011-Jul-29 | 17200852.6 | 2018-Jul-11 | EP 3346593 | 2019-Sep-11 | 3346593 | 2031-Jul-29 | |
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| IT | 2012-Aug-02 | 12775298.8 | 2014-Jun-18 | EP 2742775 | 2018-Nov-28 | 2742775 | 2032-Aug-02 | Yes |
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| IT | 2012-Aug-30 | 12759831.6 | 2014-Jul-09 | EP2751477 | 2018-Apr-25 | 2751477 | 2032-Aug-30 | Yes |
| IT | 2012-Sep-11 | 12784071.8 | 2014-Jun-25 | EP 2745046 | 2015-Nov-25 | 2745046 | 2032-Sep-11 | Yes |
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| IT | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
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| IT | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
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| IT | 2013-Jan-25 | 13710564.9 | 2014-Dec-10 | EP 2810534 | 2019-Nov-06 | 2810534 | 2033-Jan-25 | |
| IT | 2013-Jan-30 | 16200531.8 | 2017-Jun-17 | EP 3182807 | 2020-Aug-12 | 3182807 | 2033-Jan-30 | Yes |
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| IT | 2013-Apr-25 | 13727651.5 | 2015-Mar-11 | EP 2845445 | 2021-Aug-11 | 2845445 | 2033-Apr-25 | |
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| IT | 2013-May-06 | 13729464.1 | 2015-Mar-25 | EP 2850917 | 2017-Feb-22 | 2850917 | 2033-May-06 | Yes |
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| IT | 2015-Jul-02 | 15733747.8 | 2016-Dec-14 | EP | 2017-Jun-07 | 3102870 | 2035-Jul-02 | Yes |
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| IT | 2016-Apr-21 | EP16717930.8 | 2018-Mar-07 | EP 3289832 | 2020-Feb-26 | 3289832 | 2036-Apr-21 | Yes |
| IT | 2016-May-18 | EP16170050.5 | 2016-Dec-07 | EP 3102003 | 2017-Aug-16 | 3102003 | 2036-May-18 | |
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| IT | 2016-Aug-05 | 18154729.0 | 2018-Jul-25 | EP 3351851 | 2019-Oct-09 | 3351851 | 2036-Aug-05 | |
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| JP | 1997-Aug-08 | 98-512405 | 2007-Mar-14 | P3892909 | 2006-Dec-15 | 3892909 | 2017-Aug-08 | |
| JP | 1997-Sep-08 | 98-518128 | 2000-Feb-29 | JP 2000502500 | 2007-Nov-16 | 4040688 | 2017-Sep-08 | |
| JP | 1998-Jan-22 | 98-529200 | 2000-Jun-06 | JP 2000507042 | 2007-Sep-21 | 4014227 | 2018-Jan-22 | |
| JP | 1998-Jul-14 | 2000-501644 | | | 2010-Aug-27 | 4574842 | 2018-Jul-14 | |
| JP | 1998-Jul-16 | 99-510709 | 2001-Jan-30 | JP 2001501361 | 2008-Jul-25 | 4159119 | 2018-Jul-16 | |
| JP | 1998-Jul-16 | 99-510708 | 2001-Jan-30 | JP 2001501360 | 2009-Feb-20 | 4260226 | 2018-Jul-16 | |
| JP | 1998-Jul-27 | 99-510721 | 2001-Jan-30 | JP 2001501363 | 2009-Jan-09 | 4240546 | 2018-Jul-27 | |
| JP | 1998-Aug-26 | 2003-028908 | 2004-Jan-08 | JP 2004006253 | 2008-Dec-12 | 4230236 | 2018-Aug-26 | |
| JP | 1998-Dec-17 | 09-051067 | | | 2012-Sep-07 | 5081181 | 2018-Dec-17 | |
| JP | 1998-Dec-17 | 00-539392 | 2004-Apr-15 | JP 2004511878 | 2011-Apr-08 | 4718008 | 2018-Dec-17 | |
| JP | 1998-Dec-17 | 2011-86460 | | | 2016-Jan-08 | 5864881 | 2018-Dec-17 | |
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| JP | 1998-Dec-17 | 2015-090463 | | | 2016-Jul-08 | 5963287 | 2018-Dec-17 | |
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| JP | 1999-Sep-08 | 00-572611 | 2002-Aug-13 | JP 2002525836 | 2009-Sep-18 | 4376464 | 2019-Sep-08 | |
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| JP | 1999-Dec-02 | 08-75819 | 2008-Aug-28 | JP 2008198618 | 2010-Dec-10 | 4642870 | 2019-Dec-02 | |
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| JP | 2000-Apr-06 | 00-613009 | 2002-Dec-10 | JP 2002542588 | 2010-Jul-09 | 4545952 | 2020-Apr-06 | |
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| JP | 2000-Jun-22 | 11-001641 | | | 2013-Nov-22 | 5415463 | 2020-Jun-22 | |

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| JP | 2005-Mar-23 | 07-507874 | 2007-Nov-15 | JP 2007533092 | 2011-Jul-29 | 4792459 | 2025-Mar-23 | |
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| JP | 2005-Jun-01 | 2013-104897 | | | 2014-Nov-14 | 5647295 | 2025-Jun-01 | |
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| JP | 2007-Jan-26 | 08-551939 | 2009-Jul-09 | JP 2009525595 | 2013-Aug-02 | 5329235 | 2027-Jan-26 | |
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| JP | 2007-Aug-03 | 2007203478 | | | | | | |
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| JP | 2010-Sep-07 | 2012-529371 | | | 2014-Nov-14 | 5647250 | 2030-Sep-07 | |
| JP | 2010-Sep-10 | 2012-529380 | | | 2015-Mar-13 | 5711240 | 2030-Sep-10 | Yes |
| JP | 2010-Sep-13 | 2012-529381 | | | 2015-Jul-31 | 5785551 | 2030-Sep-13 | |
| JP | 2010-Sep-24 | 2012-530401 | | | 2015-Feb-20 | 5698751 | 2030-Sep-24 | Yes |
| JP | 2010-Oct-07 | 2012-532598 | 2013-Mar-04 | JP 2013507729 | 2016-May-20 | 5935063 | 2030-Oct-07 | |
| JP | 2010-Oct-07 | 2016-077619 | 2016-Aug-12 | 2016-146358 | 2019-Jun-21 | 6541606 | | |
| JP | 2010-Oct-07 | 2019-058013 | | | 2021-Jul-29 | 6921138 | | |
| JP | 2010-Oct-29 | 2012-536003 | | | 2015-Oct-02 | 5812996 | 2030-Oct-29 | Yes |
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| JP | 2010-Dec-10 | 2012-543954 | | | 2015-Feb-13 | 5694368 | 2030-Dec-10 | |
| JP | 2011-Feb-28 | 2012-555527 | | | 2017-Apr-14 | 6125233 | 2031-Feb-28 | |
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| JP | 2011-Mar-11 | 2013-500621 | 2013-Jun-17 | JP 2013524408 | 2015-Nov-13 | 5837036 | 2031-Mar-11 | |
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| JP | 2011-Apr-06 | 2011-084944 | | | | | | |
| JP | 2011-Apr-22 | 2013-506786 | | | 2015-Oct-30 | 5829676 | 2031-Apr-22 | |
| JP | 2011-Apr-26 | 2013-508590 | | | 2015-Aug-14 | 5792288 | 2031-Apr-26 | |
| JP | 2011-Apr-27 | JP2011099534A | 2012-Nov-22 | JP2012230858 | 2013-Oct-30 | 5331154 | | Yes |
| JP | 2011-Jun-16 | 2013-514826 | | | 2016-May-20 | 5935065 | 2031-Jun-16 | |
| JP | 2011-Jun-20 | 2013-517608 | | | 2016-Feb-12 | 5881220 | 2031-Jun-20 | Yes |
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| JP | 2011-Jul-14 | 2013-520259 | | | 2016-Nov-25 | 6047488 | 2031-Jul-14 | |
| JP | 2011-Aug-05 | 2013-526571 | | | 2018-Mar-30 | 6312435 | 2031-Aug-05 | |
| JP | 2011-Sep-05 | 2013-527715 | | | 2015-Dec-11 | 5850938 | 2031-Sep-05 | Yes |
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| JP | 2011-Nov-22 | 2013-541448 | | | 2017-Jun-30 | 6165059 | 2031-Nov-22 | |
| JP | 2011-Nov-30 | 2011-262481 | 2013-Jun-10 | JP 2013115003 | 2013-Nov-15 | 5411918 | | Yes |
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| JP | 2011-Dec-09 | 2013-545545 | | | 2016-Jun-17 | 5952828 | 2031-Dec-09 | |
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| JP | 2012-Jan-20 | 2013-550625 | 2014-Jul-10 | 2014-516452 | 2016-May-20 | 5936146 | 2032-Jan-20 | Yes |
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| JP | 2012-Mar-22 | 2014-501753 | | | 2015-Dec-11 | 5850549 | 2032-Mar-22 | |
| JP | 2012-Mar-22 | 2015-231601 | | | 2016-Dec-02 | 6050883 | 2032-Mar-22 | |
| JP | 2012-Mar-23 | 2014-501754 | | | 2016-Nov-11 | 6038113 | 2032-Mar-23 | |
| JP | 2012-Mar-27 | 2014-501761 | | | 2016-Jun-17 | 5952892 | 2032-Mar-27 | |
| JP | 2012-Mar-28 | 2014-501792 | | | 2017-Mar-31 | 6118312 | 2032-Mar-28 | Yes |

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| JP | 2012-Mar-28 | 2014-503242 | | | 2016-Nov-04 | 6032764 | 2032-Mar-28 | Yes |
| JP | 2012-Apr-02 | 2014-501671 | | | 2016-Oct-14 | 6023168 | 2032-Apr-02 | |
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| JP | 2012-Jul-23 | 2014-523422 | | | 2017-May-19 | 6143751 | 2032-Jul-23 | Yes |
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| JP | 2012-Jul-31 | 2014-518062 | | | 2017-Mar-17 | 6110849 | 2032-Jul-31 | Yes |
| JP | 2012-Aug-02 | 2014-524471 | | | 2017-Jan-13 | 6072793 | 2032-Aug-02 | Yes |
| JP | 2012-Aug-03 | 2014-524128 | 2014-Oct-02 | 2014-526123 | 2017-Jan-06 | 6067702 | 2032-Aug-03 | Yes |
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| JP | 2012-Sep-11 | 2014-531344 | | | 2017-Dec-15 | 6258854 | 2032-Sep-11 | Yes |
| JP | 2012-Sep-14 | 2014-530363 | | | 2017-Jan-13 | 6072802 | 2032-Sep-14 | Yes |
| JP | 2012-Oct-05 | 2014-534032 | | | 2017-May-26 | 6148237 | 2032-Oct-05 | |
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| JP | 2013-Jan-02 | 2014-550786 | | | 2018-May-18 | 6339021 | 2033-Jan-02 | |
| JP | 2013-Jan-04 | 2014-550793 | | | 2018-Sep-28 | 6407722 | 2033-Jan-04 | Yes |
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| JP | 2013-Jan-25 | 2014-555360 | | | 2015-Jun-19 | 5763851 | 2033-Jan-25 | |
| JP | 2013-Jan-30 | 2014-556163 | | | 2017-Sep-01 | 6199903 | 2033-Jan-30 | Yes |
| JP | 2013-Feb-08 | 2014-556179 | | | 2015-Jul-03 | 5770392 | 2033-Feb-08 | |
| JP | 2013-Feb-22 | 2014-558257 | | | 2017-Dec-08 | 6255356 | 2033-Feb-22 | |
| JP | 2013-Feb-22 | 2014-560472 | | | 2017-Feb-10 | 6087960 | 2033-Feb-22 | |
| JP | 2013-Mar-04 | 2014-560487 | | | 2017-Sep-29 | 6214572 | 2033-Mar-04 | Yes |
| JP | 2013-Mar-06 | 2014-561555 | | | 2017-Oct-27 | 6231026 | 2033-Mar-06 | Yes |
| JP | 2013-Mar-07 | 2014-557164 | | | 2015-Jul-03 | 5770393 | 2033-Mar-07 | |
| JP | 2013-Mar-08 | 2015-501013 | | | 2017-Nov-17 | 6243397 | 2033-Mar-08 | |
| JP | 2013-Mar-11 | 2015-501015 | | | 2019-Sep-06 | 6581500 | | |
| JP | 2013-Mar-27 | 2015-503966 | | | 2018-Feb-23 | 6293729 | 2033-Mar-27 | Yes |
| JP | 2013-Apr-04 | 2015-503977 | | | 2018-Jul-06 | 6363061 | 2033-Apr-04 | |
| JP | 2013-Apr-26 | 2015-510907 | | | 2017-Sep-29 | 6214632 | 2033-Apr-26 | |
| JP | 2013-May-06 | 2015-512160 | | | 2018-Aug-24 | 6389457 | 2033-May-06 | Yes |
| JP | 2013-May-08 | 2015-510927 | | | 2018-May-11 | 6333807 | 2033-May-08 | Yes |
| JP | 2013-May-08 | 2015-510926 | | | 2017-Aug-04 | 6185987 | 2033-May-08 | Yes |
| JP | 2013-May-22 | 2015-515607 | | | 2017-Apr-14 | 6125620 | 2033-May-22 | |
| JP | 2013-May-22 | 2015-514637 | | | 2017-Sep-08 | 6203833 | 2033-May-22 | Yes |
| JP | 2013-May-28 | 2015-514648 | | | 2017-Apr-28 | 6133410 | 2033-May-28 | Yes |
| JP | 2013-Jun-17 | 2015-519397 | | | 2015-Jul-31 | 5785673 | 2033-Jun-17 | |
| JP | 2013-Jun-18 | 2015-519412 | | | 2017-Jun-30 | 6165245 | 2033-Jun-18 | Yes |
| JP | 2013-Jun-26 | 2015-519440 | | | 2018-Jun-01 | 6346176 | 2033-Jun-26 | |
| JP | 2013-Jul-04 | 2015-522199 | | | 2018-Jun-22 | 6357152 | 2033-Jul-04 | Yes |
| JP | 2013-Jul-08 | 2015-521115 | | | 2016-Nov-04 | 6032775 | 2033-Jul-08 | Yes |
| JP | 2013-Jul-10 | 2015-521128 | | | 2017-Oct-20 | 6228602 | 2033-Jul-10 | |
| JP | 2013-Jul-12 | 2015-522213 | | | 2018-Oct-12 | 6416087 | 2033-Jul-12 | Yes |
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| JP | 2013-Sep-17 | 2015-531676 | | | 2017-Dec-08 | 6255407 | 2033-Sep-17 | |
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| JP | 2013-Dec-05 | 2015-546136 | | | 2018-May-25 | 6342415 | 2033-Dec-05 | |
| JP | 2013-Dec-05 | 2015-546137 | | | 2018-Jun-15 | 6352292 | 2033-Dec-05 | Yes |
| JP | 2014-Jan-03 | 2015-551241 | | | 2019-Mar-15 | 6495180 | 2034-Jan-03 | Yes |
| JP | 2014-Jan-29 | 2015-554298 | | | 2018-Nov-16 | 6434919 | 2034-Jan-29 | Yes |
| JP | 2014-Feb-17 | 2015-557556 | | | 2018-Aug-24 | 6387971 | 2034-Feb-17 | Yes |
| JP | 2014-Mar-12 | 2016-503746 | | | 2018-Oct-12 | 6416198 | 2034-Mar-12 | Yes |

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| JP | 2014-Apr-02 | 2016-505915 | | | 2018-Aug-10 | 6382940 | 2034-Apr-02 | |
| JP | 2014-Apr-21 | 2016-509418 | | | 2017-Nov-02 | 6235698 | 2034-Apr-21 | Yes |
| JP | 2014-Apr-21 | 2016-511001 | | | 2018-Sep-07 | 6396431 | 2034-Apr-21 | Yes |
| JP | 2014-Jun-04 | 2015-563036 | | | 2016-Dec-16 | 6058828 | 2034-Jun-04 | |
| JP | 2014-Jun-05 | 2016-517591 | | | 2018-Oct-26 | 6422951 | 2034-Jun-05 | Yes |
| JP | 2014-Jun-16 | 2015-543484 | | | 2018-Jun-22 | 6356688 | 2034-Jun-16 | Yes |
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| JP | 2014-Jun-27 | 2019-133733 | | | 2021-Apr-01 | 6861766 | | Yes |
| JP | 2014-Jul-03 | 2016-530401 | | | 2018-May-18 | 6339195 | 2034-Jul-03 | Yes |
| JP | 2014-Jul-09 | 2016-516053 | | | 2017-Apr-28 | 6133500 | 2034-Jul-09 | |
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| JP | 2014-Jul-18 | 2016-530638 | | | 2020-Sep-15 | 6764340 | | Yes |
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| JP | 2014-Aug-14 | 2015-563164 | | | 2017-Apr-14 | 6125675 | 2034-Aug-14 | Yes |
| JP | 2014-Aug-18 | 2015-563158 | | | 2017-Feb-24 | 6096331 | 2034-Aug-18 | Yes |
| JP | 2014-Aug-18 | 2016-516078 | | | 2017-Jan-13 | 6072982 | 2034-Aug-18 | Yes |
| JP | 2014-Aug-19 | 2020-053717 | | | 2022-Jun-09 | 7086126 | | |
| JP | 2014-Aug-19 | 2016-535548 | | | 2020-Mar-27 | 6682434 | | |
| JP | 2014-Aug-22 | 2016-537411 | | | 2019-Dec-13 | 6629205 | | Yes |
| JP | 2014-Aug-29 | 2015-563052 | | | 2016-Aug-12 | 5985090 | 2034-Aug-29 | Yes |
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| JP | 2014-Dec-05 | 2016-536244 | | | 2019-Mar-15 | 6495911 | 2034-Dec-05 | Yes |
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| JP | 2014-Dec-23 | 2015-560730 | | | 2016-Nov-25 | 6045725 | 2034-Dec-23 | |
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| JP | 2014-Dec-31 | 2016-544812 | | | 2018-Oct-12 | 6416915 | 2034-Dec-31 | Yes |
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| JP | 2015-Jan-15 | 2016-548663 | | | 2020-Apr-07 | 6688223 | | Yes |
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| JP | 2015-Feb-16 | 2016-553877 | | | 2021-Feb-08 | 6835588 | | |
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| JP | 2015-Feb-23 | 2016-553018 | | | 2018-Apr-13 | 6321192 | 2035-Feb-23 | |
| JP | 2015-Mar-05 | 2016-508199 | | | 2017-Jul-14 | 6173562 | 2035-Mar-05 | Yes |
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| JP | 2015-Mar-11 | 2017-144825 | | | 2018-Jun-01 | 6345852 | 2035-Mar-11 | Yes |
| JP | 2015-Mar-12 | 2016-558703 | | | 2018-Jan-05 | 6266126 | 2035-Mar-12 | Yes |
| JP | 2015-Mar-17 | 2016-557639 | | | 2019-Nov-15 | 6617113 | | Yes |
| JP | 2015-Apr-28 | 2016-567214 | | | 2020-Apr-24 | 6695811 | | Yes |
| JP | 2015-May-27 | 2016-571727 | | | 2017-Sep-08 | 6203972 | 2035-May-27 | Yes |
| JP | 2015-Jun-02 | 2016-558706 | | | 2017-Nov-17 | 6242505 | 2035-Jun-02 | Yes |
| JP | 2015-Jun-08 | 2016-544400 | | | 2017-Apr-28 | 6133514 | 2035-Jun-08 | |
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| JP | 2015-Jul-02 | 2016-567817 | | | 2018-Mar-16 | 6306214 | 2035-Jul-02 | Yes |
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| JP | 2015-Jul-08 | 2017-502590 | | | 2019-Sep-13 | 6584491 | | Yes |
| JP | 2015-Jul-10 | 2017-503536 | | | 2017-Aug-10 | 6190560 | 2035-Jul-10 | Yes |
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| JP | 2015-Jul-14 | 2017-503535 | | | 2018-Feb-23 | 6293361 | 2035-Jul-14 | Yes |
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| JP | 2015-Sep-23 | 2017-516891 | | | 2020-Feb-27 | 6667512 | | Yes |
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| JP | 2015-Sep-30 | 2020-190036 | | | 2021-Jun-08 | 6895010 | | |
| JP | 2015-Oct-27 | 2017-523472 | | | 2020-Mar-23 | 6679589 | | Yes |
| JP | 2015-Nov-03 | 2017-523494 | | | 2021-Mar-18 | 6854757 | | |
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| JP | 2016-Feb-11 | 2017-541925 | | | 2022-Feb-18 | 7027167 | | Yes |
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| JP | 2016-Apr-04 | 2019-041171 | | | 2021-Sep-27 | 6949892 | | |
| JP | 2016-Apr-07 | 2017-552481 | | | 2018-Nov-09 | 6430662 | 2036-Apr-07 | Yes |
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| JP | 2016-Apr-21 | 2017-556188 | | | 2020-Jul-22 | 6738832 | | Yes |
| JP | 2016-May-18 | 2017-562769 | | | 2018-Jun-15 | 6353992 | 2036-May-18 | |

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| JP | 2016-Jun-08 | 2017-560942 | | | 2020-Nov-02 | 6787931 | | Yes |
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| JP | 2016-Dec-01 | 2018-542787 | | | 2018-Nov-30 | 6442119 | 2036-Dec-01 | Yes |
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| JP | 2017-Dec-18 | 2021-075571 | | | 2022-May-10 | 7071572 | | |
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| JP | 2018-Feb-09 | 2019-543015 | | | 2020-Feb-17 | 6663087 | | Yes |
| JP | 2018-Feb-19 | 2019-547424 | | | 2020-Jul-22 | 6738973 | | Yes |
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| JP | 2018-Jun-08 | 2019-570123 | | | 2023-Dec-18 | 7405619 | | Yes |
| JP | 2020-Sep-17 | 2022-516606 | | | | | | Yes |
| KR | 1998-Jan-22 | 98-707511 | 2000-Nov-06 | 10-2000-0064753 | 2005-Feb-03 | 0471705 | 2018-Jan-22 | |
| KR | 1999-Sep-08 | 10-2000-7005688 | | | 2007-Nov-08 | 10-0776837 | 2019-Sep-08 | |
| KR | 1999-Sep-17 | 10-2000-7005691 | | | 2007-Mar-26 | 10-0702273 | 2019-Sep-17 | |
| KR | 2000-Apr-06 | 10-2000-7014360 | | | 2006-Nov-22 | 651274 | 2020-Apr-06 | |
| KR | 2000-Jun-22 | 10-2001-7002264 | | | 2007-Feb-28 | 691755 | 2020-Jun-22 | |
| KR | 2000-Aug-07 | 10-2001-7005214 | | | 2008-Jan-23 | 10-0799384 | 2020-Aug-07 | |
| KR | 2001-Jan-08 | 2001-7012370 | | | 2007-Jun-28 | 10-0735943 | 2021-Jan-08 | |
| KR | 2001-Sep-05 | 10-2002-7006159 | | | 2007-Dec-14 | 10-0788062 | 2022-May-14 | |
| KR | 2002-Mar-19 | 10-2002-7016146 | | | 2008-May-26 | 10-0834185 | 2022-Mar-19 | |
| KR | 2002-Jun-07 | 10-2003-7001707 | | | 2008-May-19 | 10-0832161 | 2022-Jun-07 | |
| KR | 2002-Jun-21 | 10-2003-7002792 | | | 2009-Jul-24 | 10-0910128 | 2022-Jun-21 | |
| KR | 2002-Jul-23 | 10-2003-7004098 | | | 2009-Sep-01 | 10-0916178 | 2022-Jul-23 | |
| KR | 2002-Dec-20 | 10-2004-7010172 | | | 2010-Apr-28 | 10-0956305 | 2022-Dec-20 | |
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| KR | 2003-Dec-03 | 10-2003-0087088 | | | 2010-Nov-11 | 10-0994952 | 2023-Dec-03 | |
| KR | 2003-Dec-11 | 10-2005-7011369 | | | 2010-Aug-19 | 10-0978019 | 2023-Dec-11 | |
| KR | 2003-Dec-11 | 10-2005-7011572 | | | 2010-Sep-08 | 10-0982167 | 2023-Dec-11 | |
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| KR | 2004-Jan-06 | 2005-7013026 | | | 2011-Mar-21 | 10-1025177 | 2024-Jan-06 | Yes |
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| KR | 2005-Jan-27 | 10-2006-7016111 | | | 2012-Jul-10 | 10-1166243 | 2025-Jan-27 | Yes |
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| KR | 2005-Apr-27 | 10-2006-7025486 | | | 2012-Jun-29 | 10-1163075 | 2025-Apr-27 | |
| KR | 2005-May-02 | 10-2006-7025609 | | | 2012-Aug-20 | 10-1177076 | 2025-May-02 | |
| KR | 2005-Jun-23 | 10-2007-7002231 | | | 2012-Jan-25 | 10-1111274 | 2025-Jun-23 | |
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| KR | 2005-Aug-02 | 10-2007-7005212 | | | 2012-Jul-10 | 10-1166664 | 2025-Aug-02 | |
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| KR | 2008-May-01 | 10-2009-7025211 | | | 2017-Nov-14 | 10-1799504 | 2028-May-01 | |
| KR | 2008-May-02 | 10-2009-7025447 | | | 2015-May-22 | 10-1524005 | 2028-May-02 | |
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| KR | 2008-May-02 | 10-2010-7005002 | | | 2015-Sep-21 | 10-1555894 | 2028-May-02 | |
| KR | 2008-May-22 | 10-2009-7027578 | | | | | 2028-May-22 | Yes |
| KR | 2008-Jul-21 | 10-2010-7003857 | | | 2016-Oct-19 | 10-1669264 | 2028-Jul-21 | |
| KR | 2008-Aug-22 | 10-2010-7006260 | | | | | 2028-Aug-22 | Yes |
| KR | 2008-Oct-08 | 10-2010-7010136 | | | 2016-Jan-18 | 10-1588033 | 2028-Oct-08 | |
| KR | 2008-Dec-22 | 10-2010-7016494 | | | 2015-Nov-24 | 10-1572811 | 2028-Dec-22 | |
| KR | 2008-Dec-29 | 10-2010-7017189 | | | 2016-Jan-28 | 10-1591509 | 2028-Dec-29 | |
| KR | 2009-Jan-13 | 10-2010-7018065 | | | 2016-Dec-14 | 10-1687942 | 2029-Jan-13 | Yes |
| KR | 2009-Jun-03 | 10-2011-7000415 | | | 2016-Nov-17 | 10-1679059 | 2029-Jun-03 | Yes |
| KR | 2009-Jun-12 | 10-2011-7000943 | | | 2016-Jul-11 | 10-1640242 | 2029-Jun-12 | |
| KR | 2009-Jun-19 | 10-2009-0055071 | | | | | | Yes |
| KR | 2009-Jul-10 | 10-2011-7003156 | | | 2016-May-12 | 10-1622263 | 2029-Jul-10 | |
| KR | 2009-Jul-16 | 10-2011-7004329 | | | 2016-May-12 | 10-1622267 | 2029-Jul-16 | Yes |
| KR | 2009-Jul-22 | 10-2011-7004532 | | | 2016-Dec-19 | 10-1689309 | 2029-Jul-22 | |
| KR | 2009-Aug-11 | 10-2011-7005760 | | | 2016-Nov-17 | 10-1679056 | 2029-Aug-11 | |
| KR | 2009-Sep-16 | 10-2011-7009201 | | | 2016-Aug-12 | 10-1649575 | 2029-Sep-16 | Yes |
| KR | 2009-Sep-18 | 10-2011-7009370 | | | 2016-Jul-26 | 10-1644478 | 2029-Sep-18 | Yes |
| KR | 2009-Nov-03 | 10-2011-7012784 | | | | | 2029-Nov-03 | |
| KR | 2009-Nov-12 | 10-2011-7013974 | | | 2016-Sep-19 | 10-1659505 | 2029-Nov-12 | |
| KR | 2009-Nov-27 | 10-2011-7015911 | | | 2015-Jul-13 | 10-1537522 | 2029-Nov-27 | |
| KR | 2009-Nov-30 | 10-2011-7018549 | | | 2018-May-08 | 10-1857776 | 2029-Nov-30 | |
| KR | 2010-Jan-04 | 10-2011-7018477 | | | 2018-Mar-12 | 10-1839417 | 2030-Jan-04 | |
| KR | 2010-Jan-05 | 10-2011-7018487 | | | | | 2030-Jan-05 | |
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| KR | 2010-Feb-02 | 10-2011-7020656 | | | 2016-Dec-19 | 10-1689312 | 2030-Feb-02 | |
| KR | 2010-Mar-11 | 10-2011-7023947 | | | | | 2030-Mar-11 | Yes |
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| KR | 2010-Mar-11 | 10-2011-7023890 | | | 2017-Dec-26 | 10-1814193 | 2030-Mar-11 | |
| KR | 2010-Mar-15 | 10-2011-7024768 | | | 2017-Jan-20 | 10-1700443 | 2030-Mar-15 | |
| KR | 2010-Mar-30 | 10-2011-7026021 | | | 2017-Dec-12 | 10-1810235 | 2030-Mar-30 | |
| KR | 2010-Mar-31 | 10-2011-7026368 | | | 2017-Apr-28 | 10-1733395 | 2030-Mar-31 | |
| KR | 2010-Apr-01 | 10-2011-7027735 | | | 2016-Jun-09 | 10-1630863 | 2030-Apr-01 | |
| KR | 2010-Apr-01 | 10-2011-7027163 | 2012-Feb-29 | KR 20120018160 | 2017-Jun-30 | 101754585 | 2030-Apr-01 | Yes |
| KR | 2010-Apr-23 | 10-2011-7028885 | | | | | 2030-Apr-23 | |
| KR | 2010-May-05 | 10-2011-7030386 | | | | | 2030-May-05 | |
| KR | 2010-May-26 | 10-2011-7031126 | | | 2017-Dec-01 | 10-1806534 | 2030-May-26 | |
| KR | 2010-May-31 | 10-2012-7000137 | | | 2018-Aug-08 | 10-1888374 | 2030-May-31 | Yes |
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| KR | 2010-Jun-09 | 10-2012-7001236 | | | 2016-Nov-24 | 10-1681053 | 2030-Jun-09 | |
| KR | 2010-Jun-11 | 10-2012-7001174 | | | 2017-Dec-26 | 10-1814194 | 2030-Jun-11 | |
| KR | 2010-Jun-14 | 10-2012-7001462 | | | 2018-Jul-17 | 10-1880898 | 2030-Jun-14 | |
| KR | 2010-Jun-15 | 10-2012-7001421 | | | 2016-Sep-20 | 10-1659715 | 2030-Jun-15 | |
| KR | 2010-Jun-22 | 10-2012-7001937 | | | 2017-Dec-01 | 10-1806535 | 2030-Jun-22 | |
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| KR | 2010-Jul-21 | 10-2012-7005184 | | | | | 2030-Jul-21 | Yes |
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| KR | 2010-Aug-13 | KR 2012-7006708 | 2013-Mar-31 | KR 20120079831 A | 2017-Feb-24 | KR 10-1711901 | 2030-Aug-13 | Yes |
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| KR | 2010-Aug-18 | 10-2012-7007560 | | | 2017-Dec-01 | 10-1806533 | 2030-Aug-18 | Yes |

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| KR | 2010-Sep-07 | 10-2012-7009854 | | | 2017-Nov-14 | 10-1799488 | 2030-Sep-07 | |
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| KR | 2011-Mar-01 | 10-2012-7027133 | | | 2017-Jan-25 | 10-1701729 | 2031-Mar-01 | Yes |
| KR | 2011-Apr-22 | 10-2012-7030878 | | | | | 2031-Apr-22 | |
| LT | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | 2028-Mar-12 | |
| LU | 2005-Aug-02 | 17207210.0 | 2018-Jun-06 | EP 3331010 | 2024-Mar-06 | 3331010 | 2025-Aug-03 | |
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| MX | 2008-Feb-26 | 2008/002704 | | | 2010-Dec-15 | 282150 | 2028-Feb-26 | |
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| NL | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
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| NL | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| NL | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| NL | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| NL | 2006-Mar-08 | 06711045.2 | | EP 1862036 | 2008-Dec-31 | 1862036 | 2026-Mar-08 | Yes |
| NL | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |

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| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| NL | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| NL | 2006-May-19 | 06741539.8 | 2008-Feb-27 | EP 1891671 | 2020-Aug-19 | 1891671 | 2026-May-19 | |
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| NL | 2006-May-23 | 06771039.2 | 2008-Mar-05 | EP 1893912 | 2020-Dec-16 | 1893912 | 2026-May-23 | |
| NL | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| NL | 2006-Jun-15 | 06765753.6 | 2008-Mar-12 | EP 1897332 | 2015-Oct-14 | 1897332 | 2026-Jun-15 | Yes |
| NL | 2006-Sep-15 | 06775996.9 | 2008-Jul-02 | EP 1938666 | 2012-May-30 | 1938666 | 2026-Sep-15 | |
| NL | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
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| NL | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| NL | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
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| NL | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| NL | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | 2020-Nov-18 | 2999314 | 2027-May-31 | |
| NL | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 2030483 | 2027-May-31 | |
| NL | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 2039069 | 2027-Jun-19 | |
| NL | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| NL | 2007-Sep-18 | 07826418.1 | 2009-Jul-01 | EP 2074865 | 2017-Jan-11 | 2074865 | 2027-Sep-18 | Yes |
| NL | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |
| NL | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
| NL | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| NL | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | 2028-Mar-12 | |
| NL | 2008-Mar-14 | 18192950.6 | | | 2020-Aug-05 | 3445021 | 2028-Mar-14 | Yes |
| NL | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
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| NL | 2008-May-02 | 08747545.5 | 2010-Feb-17 | EP 2153115 | 2021-Jul-07 | 2153115 | 2028-May-02 | |
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| NL | 2009-Nov-03 | 19205260.3 | 2020-Apr-15 | EP 3637185 | 2021-Jul-07 | 3637185 | 2029-Nov-03 | |
| NL | 2009-Nov-03 | 09759792.6 | 2011-Jul-27 | EP 2347172 | 2020-Jan-22 | 2347172 | 2029-Nov-03 | |
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| NL | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
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| NL | 2010-Jul-07 | 10800332.8 | 2012-Jul-04 | EP 2471057 | 2020-Mar-25 | 2471057 | 2030-Jul-07 | |
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| NL | 2011-Apr-13 | 11714280.2 | | EP 2567149 | 2015-Jul-08 | 2567149 | 2031-Apr-13 | Yes |
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| NL | 2011-Sep-19 | 14177579.1 | 2014-Oct-22 | EP 2792936 | 2019-Nov-06 | 2792936 | 2031-Sep-19 | Yes |
| NL | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | 2031-Nov-16 | |
| NL | 2011-Nov-22 | 11793494.3 | 2013-Oct-09 | EP 2647260 | 2019-Aug-21 | 2647260 | 2031-Nov-22 | |
| NL | 2011-Dec-09 | 11804814.9 | 2013-Oct-30 | EP 2655956 | 2020-Jul-29 | 2655956 | 2031-Dec-09 | |
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| NL | 2013-Jan-30 | 13711957.4 | 2014-Dec-24 | EP 2815633 | 2016-Dec-14 | 2815633 | 2033-Jan-30 | Yes |
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| NL | 2013-Apr-25 | 13727651.5 | 2015-Mar-11 | EP 2845445 | 2021-Aug-11 | 2845445 | 2033-Apr-25 | |
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| NL | 2013-Jun-26 | 13762232.0 | 2015-May-06 | EP 2868163 | 2020-May-06 | 2868163 | 2033-Jun-26 | |

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| NL | 2013-Jul-26 | EP 13823052.9 | 2015-Jun-03 | EP 2877779 | 2020-May-06 | 2877779 | 2033-Jul-26 | Yes |
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| NL | 2014-Aug-18 | EP14752339.3 | 2016-Mar-16 | EP 2995174 | 2016-Oct-12 | 2995174 | 2034-Aug-18 | Yes |
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| NL | 2014-Aug-19 | 14786281.7 | 2016-Jun-29 | EP 3036976 | 2019-Oct-09 | 3036976 | 2034-Aug-19 | |
| NL | 2014-Aug-29 | 14757933.8 | 2016-Mar-02 | EP 2989864 | 2016-Oct-12 | 2989864 | 2034-Aug-29 | Yes |
| NL | 2014-Oct-08 | EP14786822.8 | 2016-Aug-17 | EP 3055022 | 2018-Aug-08 | 3055022 | 2034-Oct-08 | Yes |
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| NL | 2015-Jan-21 | 15701166.9 | 2016-Dec-07 | EP | 2022-Dec-21 | 3099972 | 2035-Jan-21 | Yes |
| NL | 2015-Jan-30 | 15702252.6 | 2016-Dec-07 | EP | 2019-Mar-13 | 3100250 | 2035-Jan-30 | Yes |
| NL | 2015-Jan-30 | 19155288.4 | 2019-Jul-17 | EP 3511918 | 2023-May-17 | 3511918 | 2035-Jan-30 | Yes |
| NL | 2015-Feb-16 | 15711291.3 | 2017-Jan-04 | EP | 2020-Jan-01 | 3111729 | 2035-Feb-16 | |
| NL | 2015-Mar-11 | 16190614.4 | 2017-May-10 | 3165809-A | 2021-Sep-29 | 3165809 | 2035-Mar-11 | Yes |
| NL | 2015-May-27 | 15726916.8 | 2017-Apr-19 | 3155875-A | 2017-Dec-27 | 3155875 | 2035-May-27 | Yes |
| NL | 2015-Jun-01 | EP15723985.6 | 2017-May-10 | 3164638-A | 2018-Aug-15 | 3164638 | 2035-Jun-01 | |
| NL | 2015-Jun-08 | 15725683.5 | 2016-Aug-17 | EP | 2017-Apr-05 | 3056066 | 2035-Jun-08 | |
| NL | 2015-Jul-08 | 15734685.9 | 2017-May-24 | 3170373-A | 2020-Sep-09 | 3170373 | 2035-Jul-08 | Yes |
| NL | 2015-Sep-18 | 15771881.8 | 2017-Aug-09 | EP 3201696 | 2023-Jul-26 | 3201696 | 2035-Sep-18 | Yes |
| NL | 2015-Sep-23 | 15771900.6 | 2017-Aug-09 | EP 3201697 | 2021-Dec-29 | 3201697 | 2035-Sep-23 | Yes |
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| NL | 2016-Mar-11 | 19172759.3 | | | 2022-Nov-16 | 3570643 | 2036-Mar-11 | Yes |
| NL | 2016-Apr-21 | EP16717930.8 | 2018-Mar-07 | EP 3289832 | 2020-Feb-26 | 3289832 | 2036-Apr-21 | Yes |
| NL | 2016-Aug-05 | 18154729.0 | 2018-Jul-25 | EP 3351851 | 2019-Oct-09 | 3351851 | 2036-Aug-05 | |
| NL | 2016-Oct-17 | 16784470.3 | 2018-Aug-29 | EP 3366084 | 2021-Apr-14 | 3366084 | 2036-Oct-17 | Yes |
| NL | 2016-Dec-01 | 16805415.3 | 2018-Oct-24 | EP 3391711 | 2019-Jul-31 | 3391711 | 2036-Dec-01 | Yes |
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| NL | 2017-Apr-04 | 17714252.8 | 2019-Feb-13 | EP 3440894 | 2020-Jan-22 | 3440894 | 2037-Apr-04 | Yes |
| NL | 2017-Aug-04 | 17837750.3 | 2019-Jun-12 | EP3494342 | 2021-Dec-08 | 3494342 | 2037-Aug-04 | Yes |
| NL | 2017-Oct-10 | 17778319.8 | 2019-Aug-28 | EP 3530079 | 2020-Jun-03 | 3530079 | 2037-Oct-10 | Yes |
| NL | 2017-Dec-18 | 17816839.9 | 2019-Jun-26 | EP 3500792 | 2020-Feb-12 | 3500792 | 2037-Dec-18 | |
| NL | 2018-Apr-27 | 18793906.1 | 2020-Mar-11 | 3619468 | 2024-Sep-18 | 3619468 | | Yes |
| NL | 2019-Oct-21 | 19787278.1 | 2021-Sep-08 | EP 3874196 | 2022-Dec-28 | 3874196 | 2039-Oct-21 | Yes |
| NO | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | 2028-Mar-12 | |
| NO | 2008-Mar-14 | 18192950.6 | | | 2020-Aug-05 | 3445021 | 2028-Mar-14 | Yes |
| NO | 2008-May-02 | 08747545.5 | 2010-Feb-17 | EP 2153115 | 2021-Jul-07 | 2153115 | 2028-May-02 | |
| NO | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| NO | 2009-Nov-03 | 19205260.3 | 2020-Apr-15 | EP 3637185 | 2021-Jul-07 | 3637185 | 2029-Nov-03 | |
| NO | 2009-Nov-03 | 09759792.6 | 2011-Jul-27 | EP 2347172 | 2020-Jan-22 | 2347172 | 2029-Nov-03 | |
| NO | 2010-Feb-26 | 10708388.3 | 2012-Jan-11 | EP 2404485 | 2020-May-20 | 2404485 | 2030-Feb-26 | Yes |
| NO | 2010-Jul-07 | 10800332.8 | 2012-Jul-04 | EP 2471057 | 2020-Mar-25 | 2471057 | 2030-Jul-07 | |
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| NO | 2012-Mar-15 | 12711261.3 | 2014-Jan-29 | EP 2689182 | 2020-May-20 | 2689182 | 2032-Mar-15 | Yes |
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| NO | 2012-Aug-02 | 12772433.4 | 2014-Jun-25 | EP 2745621 | 2020-Oct-21 | 2745621 | 2032-Aug-02 | |
| NO | 2012-Aug-30 | 12759831.6 | 2014-Jul-09 | EP2751477 | 2018-Apr-25 | 2751477 | 2032-Aug-30 | Yes |
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| NO | 2014-Apr-21 | 14719284.3 | 2016-Mar-09 | EP 2992733 | 2018-Dec-26 | 2992733 | 2034-Apr-21 | Yes |
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| NO | 2016-Apr-21 | EP16717930.8 | 2018-Mar-07 | EP 3289832 | 2020-Feb-26 | 3289832 | 2036-Apr-21 | Yes |
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| PL | 2005-Sep-19 | 20169373.6 | 2020-Oct-14 | EP 3722665 | 2022-Jan-05 | 3722665 | 2025-Sep-19 | |
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| PL | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| PL | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| PL | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| PL | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| PL | 2006-May-19 | EP20189413.6 | 2021-Jan-27 | 3770980 | 2024-Aug-07 | 3770980 | | |
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| PL | 2006-Jun-15 | 06765753.6 | 2008-Mar-12 | EP 1897332 | 2015-Oct-14 | 1897332 | 2026-Jun-15 | Yes |
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| PL | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
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| PL | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| PL | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-02 | |
| PL | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | 2020-Nov-18 | 2999314 | 2027-May-31 | |
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| PL | 2007-Sep-18 | 07826418.1 | 2009-Jul-01 | EP 2074865 | 2017-Jan-11 | 2074865 | 2027-Sep-18 | Yes |
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| PL | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | 2028-Mar-12 | |
| PL | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| PL | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | 2147576 | 2028-Apr-28 | |
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| PL | 2013-Jun-26 | 13762232.0 | 2015-May-06 | EP 2868163 | 2020-May-06 | 2868163 | 2033-Jun-26 | |
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| PL | 2016-Aug-05 | 18154729.0 | 2018-Jul-25 | EP 3351851 | 2019-Oct-09 | 3351851 | 2036-Aug-05 | |
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| PL | 2019-Oct-21 | 19787278.1 | 2021-Sep-08 | EP 3874196 | 2022-Dec-28 | 3874196 | 2039-Oct-21 | Yes |
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| PT | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
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| PT | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
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| PT | 2005-Sep-19 | 21213937.2 | 2022-Jun-08 | EP 4008949 | 2024-Jan-10 | 4008949 | 2025-Sep-19 | |
| PT | 2005-Sep-19 | 18184893.8 | 2019-Jan-16 | EP 3428506 | 2020-Apr-15 | 3428506 | 2025-Sep-19 | |
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| PT | 2013-Apr-25 | 13727651.5 | 2015-Mar-11 | EP 2845445 | 2021-Aug-11 | 2845445 | 2033-Apr-25 | |
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| PT | 2016-Aug-05 | 18154729.0 | 2018-Jul-25 | EP 3351851 | 2019-Oct-09 | 3351851 | 2036-Aug-05 | |
| PT | 2017-Dec-18 | 17816839.9 | 2019-Jun-26 | EP 3500792 | 2020-Feb-12 | 3500792 | 2037-Dec-18 | |
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| RO | 2005-Sep-19 | 20169373.6 | 2020-Oct-14 | EP 3722665 | 2022-Jan-05 | 3722665 | 2025-Sep-19 | |
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| RO | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
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| RU | 2007-Sep-18 | 2009115864 | 2011-Nov-10 | RU 2437184 | 2011-Dec-20 | 2437184 | 2027-Sep-18 | |

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| RU | 2007-Dec-04 | 2009126135 | | | | | 2027-Dec-04 | |
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| SE | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
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| SE | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
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| SE | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
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| SE | 2008-May-02 | 08747545.5 | 2010-Feb-17 | EP 2153115 | 2021-Jul-07 | 2153115 | 2028-May-02 | |
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| SE | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
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| SE | 2015-Sep-30 | EP15784476.2 | 2017-Aug-09 | EP 3201524 | 2018-Feb-28 | 3201524 | 2035-Sep-30 | |
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| TR | 2009-Nov-03 | 09759792.6 | 2011-Jul-27 | EP 2347172 | 2020-Jan-22 | 2347172 | 2029-Nov-03 | |
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| TR | 2010-Feb-02 | 10703518.0 | 2011-Dec-14 | EP 2394300 | 2018-Aug-15 | 2394300 | 2030-Feb-02 | |
| TR | 2010-Feb-26 | 10708388.3 | 2012-Jan-11 | EP 2404485 | 2020-May-20 | 2404485 | 2030-Feb-26 | Yes |
| TR | 2010-Apr-01 | 10715358.7 | 2012-Feb-29 | EP 2422507 | 2013-Jun-19 | 2422507 | 2030-Apr-01 | |
| TR | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 2435753 | 2030-May-21 | |
| TR | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 2623846 | 2030-May-21 | |
| TR | 2010-Jun-04 | 10728329.3 | 2012-Apr-11 | EP 2438647 | 2013-Oct-16 | 2438647 | 2030-Jun-04 | |
| TR | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | TR 2016 05740 T4 | 2030-Jun-11 | |
| TR | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | TR 2014 13452 T4 | 2030-Jun-14 | |
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| TR | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 2457415 | 2030-Jul-14 | |
| TR | 2010-Aug-13 | EP 10808822.0 | 2012-Jun-20 | EP 2465329 | 2019-Oct-16 | 2465329 | 2030-Aug-13 | Yes |
| TR | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
| TR | 2010-Oct-29 | 10782705.7 | 2012-Sep-12 | EP 2497186 | 2016-Aug-31 | 2497186 | 2030-Oct-29 | Yes |
| TR | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| TR | 2011-Apr-13 | 11714280.2 | | | 2015-Jul-08 | TR 2015/12360 T4 | 2031-Apr-13 | Yes |
| TR | 2011-Jun-30 | 11738821.5 | 2013-May-15 | EP 2591275 | 2017-Mar-01 | 2591275 | 2031-Jun-30 | |
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| TR | 2011-Aug-05 | 11754507.9 | 2013-Jul-10 | EP 2612463 | 2014-Apr-16 | 2612463 | 2031-Aug-05 | |
| TR | 2011-Sep-19 | 14177579.1 | 2014-Oct-22 | EP 2792936 | 2019-Nov-06 | 2792936 | 2031-Sep-19 | Yes |
| TR | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | 2031-Nov-16 | |
| TR | 2011-Dec-09 | 19213280.1 | 2020-May-20 | EP 3653924 | 2024-Apr-17 | 3653924 | 2031-Dec-09 | |
| TR | 2011-Dec-09 | 11804814.9 | 2013-Oct-30 | EP 2655956 | 2020-Jul-29 | 2655956 | 2031-Dec-09 | |
| TR | 2012-Mar-15 | 12711261.3 | 2014-Jan-29 | EP 2689182 | 2020-May-20 | 2689182 | 2032-Mar-15 | Yes |
| TR | 2012-Mar-23 | 12712763.7 | 2014-Feb-05 | EP 2692211 | 2019-Aug-14 | 2692211 | 2032-Mar-23 | |
| TR | 2012-May-30 | 12732872.2 | 2014-Apr-09 | EP 2715221 | 2017-May-10 | 2715221 | 2032-May-30 | Yes |
| TR | 2012-Sep-11 | 12784071.8 | 2014-Jun-25 | EP 2745046 | 2015-Nov-25 | 2745046 | 2032-Sep-11 | Yes |
| TR | 2012-Sep-14 | 12779165.5 | 2014-Jun-25 | EP 2745624 | 2015-Mar-04 | TR 2015 05504 T4 | 2032-Sep-14 | Yes |
| TR | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
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| TR | 2015-Jul-15 | EP15176831.4 | 2016-Feb-17 | EP 2985510 | 2017-Jun-28 | 2985510 | 2035-Jul-15 | Yes |
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| TW | 2006-Aug-24 | 095131158 | 2007-Apr-01 | 200713165-A | 2013-Dec-11 | I419100 | 2026-Aug-23 | |
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| TW | 2006-Oct-11 | 095137436 | 2007-Aug-16 | 200731865 | 2014-Mar-01 | I429329 | 2026-Oct-10 | |
| TW | 2006-Oct-25 | 095139429 | 2007-Sep-16 | 200734579-A | 2014-Jan-01 | I421441 | 2026-Oct-24 | |
| TW | 2006-Nov-08 | 095141391 | 2008-Jan-01 | 200801388-A | | | 2026-Nov-08 | |
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| TW | 2006-Dec-12 | 095146499 | 2007-Oct-01 | 200735930-A | 2014-Jun-21 | I442817 | 2026-Dec-11 | |
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| TW | 2007-Aug-06 | 096128882 | 2008-Aug-16 | 200834137A | 2014-Sep-01 | I451140 | 2027-Aug-05 | |
| TW | 2007-Sep-26 | 096135772 | 2008-Jun-01 | 200823438 | 2014-Jul-01 | I443313 | 2027-Sep-25 | |
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| TW | 2007-Nov-07 | 096142100 | 2008-Sep-01 | 200836586-A | 2014-May-21 | I439177 | 2027-Nov-06 | |
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| TW | 2008-Jun-24 | 097123569 | 2009-May-01 | 200920172-A | 2014-Nov-01 | I459852 | 2028-Jun-23 | |
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| TW | 2008-Aug-20 | 097131788 | 2009-Jul-01 | 200929615-A | | | 2028-Aug-20 | Yes |
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| TW | 2010-Jan-06 | 099100197 | 2010-Aug-16 | 201030272-A | 2016-Jul-21 | I542813 | 2030-Jan-05 | |
| TW | 2010-Jan-06 | 099100196 | 2010-Aug-16 | 201030271-A | 2016-Jul-21 | I542812 | 2030-Jan-05 | |
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| US | 1997-Apr-10 | 08/833889 | | US 6175195 | 2001-Jan-16 | 6175195 | 2017-Apr-10 | |
| US | 1997-Jul-14 | 08/892049 | | US 5847507 | 1998-Dec-08 | 5847507 | 2017-Jul-14 | |
| US | 1997-Aug-26 | 08/920156 | | US 6016038 | 2000-Jan-18 | 6016038 | 2017-Aug-26 | |
| US | 1997-Aug-26 | 10/990090 | 2005-Jul-14 | US 7453217 | 2008-Nov-18 | 7453217 | 2018-Jun-23 | |
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| US | 1998-Aug-03 | 09/128147 | | US 6013988 | 2000-Jan-11 | 6013988 | 2018-Aug-03 | |
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| US | 1998-Sep-25 | 09/509433 | 1999-Apr-01 | US 7645056 | 2010-Jan-12 | 7645056 | 2018-Sep-25 | |
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| US | 2005-Aug-02 | 12/889,760 | 2011-Jan-20 | US 7891844 | 2011-Feb-22 | 7891844 | 2025-Aug-02 | |
| US | 2005-Aug-02 | 11/573050 | 2008-Mar-20 | US 7566155 | 2009-Jul-28 | 7566155 | 2026-Jan-20 | |
| US | 2005-Aug-02 | 11/573051 | 2008-Apr-24 | US 7722211 | 2010-May-25 | 7722211 | 2026-May-20 | |
| US | 2005-Aug-04 | 11/197283 | 2006-Feb-09 | US 7329998 | 2008-Feb-12 | 7329998 | 2026-Jul-22 | |
| US | 2005-Aug-05 | 11/198248 | 2006-Apr-06 | US 7482760 | 2009-Jan-27 | 7482760 | 2027-Jul-28 | |
| US | 2005-Aug-18 | 11/575513 | 2008-Mar-13 | US 2008062682 | | | | |
| US | 2005-Aug-18 | 11/575515 | 2008-Apr-24 | US 7482567 | 2009-Jan-27 | 7482567 | 2025-Aug-18 | |
| US | 2005-Aug-26 | 11/212185 | | US 7317403 | 2008-Jan-08 | 7317403 | 2026-Jun-24 | |
| US | 2005-Aug-31 | 11/574758 | 2008-Dec-25 | US 8813188 | 2014-Aug-19 | 8813188 | 2028-Sep-20 | Yes |
| US | 2005-Sep-12 | 11/575332 | 2008-Dec-25 | US 7670038 | 2010-Mar-02 | 7670038 | 2026-Aug-10 | |
| US | 2005-Sep-12 | 11/225377 | 2006-Jun-22 | US 7542257 | 2009-Jun-02 | 7542257 | 2026-Dec-23 | |
| US | 2005-Sep-12 | 11/224683 | 2006-Apr-13 | US 2006076908 | | | | |
| US | 2005-Sep-19 | 11/575761 | 2008-Jun-12 | US 7810974 | 2010-Oct-12 | 7810974 | 2026-Nov-13 | |
| US | 2005-Sep-20 | 11/576282 | 2009-Jul-16 | US 7731387 | 2010-Jun-08 | 7731387 | 2027-Feb-13 | |
| US | 2005-Sep-29 | 11/241787 | 2006-Apr-20 | US 7394210 | 2008-Jul-01 | 7394210 | 2025-Sep-29 | |
| US | 2005-Sep-29 | 10/526848 | 2006-Mar-02 | US 2006044152 | | | | Yes |
| US | 2005-Oct-12 | 10/557817 | 2007-Jul-05 | US 7738002 | 2010-Jun-15 | 7738002 | 2027-May-05 | |
| US | 2005-Oct-12 | 10/558124 | 2007-May-17 | US 7573209 | 2009-Aug-11 | 7573209 | 2026-Jan-15 | |
| US | 2005-Oct-17 | 11/577366 | 2008-Apr-10 | US 7504781 | 2009-Mar-17 | 7504781 | 2025-Oct-24 | |
| US | 2005-Oct-26 | 11/577995 | 2008-Jun-12 | US 7906917 | 2011-Mar-15 | 7906917 | 2028-Jul-13 | |
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| US | 2005-Nov-23 | 11/285980 | 2006-May-25 | US 7423387 | 2008-Sep-09 | 7423387 | 2026-Nov-22 | |
| US | 2005-Nov-24 | 11/719882 | 2009-Jul-02 | US 2009168415 | | | | |

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| US | 2005-Nov-25 | 11/719888 | 2009-Sep-17 | US 8063577 | 2011-Nov-22 | 8063577 | 2028-Jan-18 | |
| US | 2005-Nov-28 | 11/720629 | 2010-May-06 | US 8026532 | 2011-Sep-27 | 8026532 | 2029-Jan-18 | |
| US | 2005-Dec-02 | 11/721512 | | US 7719209 | 2010-May-18 | 7719209 | 2026-Jan-27 | |
| US | 2005-Dec-05 | 11/721169 | 2009-Nov-19 | US 7659545 | 2010-Feb-09 | 7659545 | 2027-Feb-18 | Yes |
| US | 2005-Dec-16 | 11/303,418 | 2006-Jul-20 | 2006/0158887 | 2009-Jun-09 | 7543941 | 2027-Jun-05 | |
| US | 2005-Dec-20 | 11/313427 | 2006-Jul-20 | US 7710369 | 2010-May-04 | 7710369 | 2029-Mar-03 | |
| US | 2005-Dec-30 | 11/322891 | 2006-May-25 | US 7520634 | 2009-Apr-21 | 7520634 | 2019-Mar-08 | |
| US | 2006-Jan-03 | 11/325080 | 2007-Jul-05 | US 2007152797 A1 | 2009-Nov-17 | 7619370 | 2028-Jan-06 | |
| US | 2006-Jan-05 | 10/567179 | | US 9111822 | 2015-Aug-18 | 9111822 | 2029-Nov-29 | |
| US | 2006-Jan-24 | 11/338133 | 2006-Aug-03 | US 7348736 | 2008-Mar-25 | 7348736 | 2026-Jan-24 | Yes |
| US | 2006-Feb-28 | 11/364304 | 2006-Sep-07 | US 7543956 | 2009-Jun-09 | 7543956 | 2027-Aug-12 | |
| US | 2006-Mar-02 | 11/366364 | 2006-Sep-14 | US 7538499 | 2009-May-26 | 7538499 | 2027-Feb-20 | |
| US | 2006-Mar-08 | 11/817880 | 2008-Sep-11 | US 9253040 | 2016-Feb-02 | 9253040 | 2033-Jan-12 | Yes |
| US | 2006-Mar-22 | 11/909504 | 2010-Jul-01 | US 7911158 | 2011-Mar-22 | 7911158 | 2028-Jul-17 | Yes |
| US | 2006-Apr-03 | 11/887696 | 2009-Dec-24 | US 7911118 | 2011-Mar-22 | 7911118 | 2026-Sep-22 | |
| US | 2006-Apr-18 | 11/379191 | 2006-Sep-21 | US 7352138 | 2008-Apr-01 | 7352138 | 2021-Mar-13 | |
| US | 2006-May-08 | 11/429715 | 2007-Aug-16 | US 7511437 | 2009-Mar-31 | 7511437 | 2027-Jul-10 | |
| US | 2006-May-10 | 11/915303 | 2008-Aug-14 | US 7766489 | 2010-Aug-03 | 7766489 | 2027-Jan-19 | |
| US | 2006-May-11 | 11/914979 | 2008-Aug-28 | US 8410723 | 2013-Apr-02 | 8410723 | 2027-Mar-13 | |
| US | 2006-May-19 | 11/419292 | 2006-Dec-21 | US 7348604 | 2008-Mar-25 | 7348604 | 2026-May-19 | |
| US | 2006-May-23 | 11/419995 | 2006-Nov-23 | US 7703951 | 2010-Apr-27 | 7703951 | 2027-May-12 | |
| US | 2006-May-23 | 11/419998 | 2006-Nov-23 | US 2006262545 A1 | 2010-Aug-03 | 7766518 | 2027-Dec-21 | |
| US | 2006-Jun-01 | 60/803,670 | | | | | | |
| US | 2006-Jun-06 | 11/422589 | 2006-Dec-07 | US 7777427 | 2010-Aug-17 | 7777427 | 2029-Jun-17 | |
| US | 2006-Jun-15 | 11/993053 | 2010-Aug-26 | US 8665762 | 2014-Mar-04 | 8665762 | 2028-Dec-16 | Yes |
| US | 2006-Jun-19 | 11/735,651 | 2007-Dec-20 | US 7422350 | 2008-Sep-09 | 7422350 | 2026-Jun-19 | Yes |
| US | 2006-Jun-19 | 11/425019 | | US 7210827 | 2007-May-01 | 7210827 | 2026-Jun-19 | Yes |
| US | 2006-Jun-26 | 11/426338 | 2006-Nov-02 | US 7573210 | 2009-Aug-11 | 7573210 | 2026-Aug-10 | |
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| US | 2006-Aug-28 | 11/467713 | 2006-Dec-21 | US 7350936 | 2008-Apr-01 | 7350936 | 2020-Nov-20 | |
| US | 2006-Sep-04 | 11/991743 | | US 8480259 | 2013-Jul-09 | 8480259 | 2029-Jan-03 | |
| US | 2006-Sep-15 | 11/991,950 | | US 2011187290 | 2015-Mar-17 | 8,981,672 | 2031-Aug-05 | |
| US | 2006-Sep-15 | 12/088434 | 2008-Oct-16 | US 7806577 | 2010-Oct-05 | 7806577 | 2027-Oct-04 | |
| US | 2006-Sep-25 | 12/088360 | 2008-Nov-06 | US 7802902 | 2010-Aug-28 | 7802902 | 2027-Jun-24 | |
| US | 2006-Oct-02 | 12/089236 | 2008-Nov-06 | US 7893661 | 2011-Feb-22 | 7893661 | 2028-Mar-10 | |
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| US | 2006-Oct-13 | 11/549593 | 2008-Sep-18 | US 7687753 | 2010-Mar-30 | 7687753 | 2025-Oct-10 | |
| US | 2006-Oct-16 | 12/091108 | 2008-Oct-09 | US 7804260 | 2010-Sep-28 | 7804260 | 2027-Jun-23 | |
| US | 2006-Oct-27 | 11/553512 | | US 8142051 | 2012-Mar-27 | 8142051 | 2029-Dec-20 | |
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| US | 2006-Nov-07 | 12/092716 | 2008-Nov-13 | US 7520636 | 2009-Apr-21 | 7520636 | 2026-Nov-07 | |
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| US | 2006-Nov-17 | 11/561031 | 2007-Apr-19 | US 7809448 | 2010-Oct-05 | 7809448 | 2020-Aug-23 | |
| US | 2006-Nov-20 | 12/094616 | 2008-Dec-04 | US 7731390 | 2010-Jun-08 | 7731390 | 2026-Nov-20 | |
| US | 2006-Nov-29 | 60/861,789 | | | | | | |
| US | 2006-Dec-05 | 12/097283 | 2008-Dec-04 | US 8111022 | 2012-Feb-07 | 8111022 | 2028-Jul-15 | |
| US | 2006-Dec-06 | 12/096801 | 2008-Oct-30 | US 8356904 | 2013-Jan-22 | 8356904 | 2029-May-23 | |
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| US | 2006-Dec-12 | 13/212,537 | 2011-Dec-15 | US 8773042 | 2014-Jul-08 | 8773042 | 2027-Jun-02 | |
| US | 2006-Dec-12 | 12/096926 | 2008-Dec-11 | US 8004211 | 2011-Aug-23 | 8004211 | 2028-Mar-11 | |
| US | 2006-Dec-13 | 14/050413 | 2014-Feb-13 | US 2014043791 | 2017-Mar-07 | 9591717 | 2027-Jul-17 | Yes |
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| US | 2006-Dec-13 | 12/097525 | 2008-Dec-25 | US 8579452 | 2013-Nov-12 | 8579452 | 2029-Jun-21 | Yes |
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| US | 2007-Jan-22 | 11/625608 | 2007-May-24 | US 7959320 | 2011-Jun-14 | 7959320 | 2020-Nov-20 | |
| US | 2007-Jan-22 | 11/625622 | 2007-May-24 | US 7572028 | 2009-Aug-11 | 7572028 | 2020-Nov-20 | |
| US | 2007-Jan-26 | 12/162372 | 2009-Jan-22 | US 8217587 | 2012-Jul-10 | 8217587 | 2028-Aug-24 | |
| US | 2007-Feb-26 | 13/540,477 | 2012-Oct-25 | US2012/0268934 | 2013-Apr-09 | 8414161 | 2027-Feb-26 | |
| US | 2007-Feb-26 | 13/970,197 | | | 2016-Jul-12 | 9388949 | 2027-Dec-29 | |
| US | 2007-Feb-26 | 15/083,076 | | | 2019-Jan-08 | 10174908 | 2027-Feb-26 | |
| US | 2007-Feb-26 | 14/563,081 | | | 2016-Mar-29 | 9297520 | 2027-Feb-26 | |
| US | 2007-Feb-26 | 12/690,751 | 2010-Jul-08 | US2010-0172135 | 2013-May-07 | 8434912 | 2027-Feb-26 | |
| US | 2007-Feb-26 | 13/422,871 | 2013-Jul-12 | US2012/0176791 | 2013-Aug-20 | 8511864 | 2027-Feb-26 | |
| US | 2007-Feb-26 | 11/711,218 | 2007-Aug-30 | US2007-0201225 | 2010-Mar-09 | 7674018 | 2027-Feb-26 | |
| US | 2007-Feb-26 | 13/858,713 | | | 2014-Dec-09 | 8905597 | 2027-Mar-21 | |
| US | 2007-Feb-28 | 11/680327 | 2008-Aug-28 | US 2008205068 | 2009-Dec-15 | 7631990 | 2027-Dec-30 | |
| US | 2007-Mar-02 | 12/281165 | 2009-Jan-22 | US 8330391 | 2012-Dec-11 | 8330391 | 2029-Jun-08 | |
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| US | 2007-Mar-08 | 12/282005 | 2010-Oct-21 | US 7866845 | 2011-Jan-11 | 7866845 | 2028-Jan-13 | |
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| US | 2007-Mar-15 | 11/686491 | 2007-Dec-20 | US 7550931 | 2009-Jun-23 | 7550931 | 2022-Jan-07 | |
| US | 2007-Apr-01 | 11/695024 | | US 7667408 | 2010-Feb-23 | 7667408 | 2027-Apr-01 | |
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| US | 2007-May-01 | 11/742697 | 2007-Aug-23 | US 7659674 | 2010-Feb-09 | 7659674 | 2017-Aug-26 | |
| US | 2007-May-02 | 12/299,655 | 2009-Jul-16 | US 8183784 | 2012-May-22 | 8183784 | 2029-Apr-05 | |
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| US | 2007-May-21 | 60/939,275 | | | | | | |
| US | 2007-May-31 | 12/302,300 | 2009-Jul-02 | US 8143803 | 2012-Mar-27 | 8143803 | 2029-Feb-15 | |
| US | 2007-Jun-01 | 14/164,964 | 2015-Jul-30 | 2015-0214779 | 2017-May-30 | 9664347 | 2027-Jun-01 | |
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| US | 2007-Jun-01 | 12/969,361 | | | 2012-May-22 | 8182120 | 2027-Jun-01 | |
| US | 2007-Jun-12 | 11/761478 | 2007-Oct-11 | US 7598681 | 2009-Oct-06 | 7598681 | 2027-Jun-12 | |
| US | 2007-Jun-19 | 12/303,760 | 2010-Sep-16 | US 8063750 | 2011-Nov-22 | 8063750 | 2028-Mar-12 | |
| US | 2007-Jun-20 | 12/306,020 | 2009-Sep-17 | US 8134461 | 2012-Mar-13 | 8134461 | 2028-Nov-27 | |
| US | 2007-Jun-22 | 12/305408 | 2009-Nov-12 | US 8456100 | 2013-Jun-04 | 8456100 | 2030-Sep-28 | Yes |
| US | 2007-Jul-05 | 12/374320 | 2009-Sep-17 | US 7854539 | 2010-Dec-21 | 7854539 | 2027-Dec-05 | |
| US | 2007-Jul-10 | 12/373,792 | 2009-Dec-17 | US 8174809 | 2012-May-08 | 8174809 | 2027-Nov-18 | Yes |
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| US | 2007-Jul-12 | 11/777008 | 2008-Jan-17 | US 7772787 | 2010-Aug-10 | 7772787 | 2028-Oct-30 | |
| US | 2007-Jul-20 | 11/780574 | 2008-Jan-17 | US 7737643 | 2010-Jun-15 | 7737643 | 2025-Mar-14 | |
| US | 2007-Aug-03 | 11/833358 | 2008-Feb-21 | US 2008043464 | | | | |
| US | 2007-Aug-09 | 11/836568 | | US 8026673 | 2011-Sep-27 | 8026673 | 2030-Jul-27 | |
| US | 2007-Aug-09 | 11/836550 | 2008-Jul-10 | US 8134303 | 2012-Mar-13 | 8134303 | 2030-Nov-26 | |
| US | 2007-Aug-09 | 11/836560 | | | | | | |
| US | 2007-Aug-16 | 11/893486 | 2008-Mar-20 | US 7712926 | 2010-May-11 | 7712926 | 2028-Feb-15 | |
| US | 2007-Aug-21 | 11/842612 | 2008-Feb-28 | US 7569807 | 2009-Aug-04 | 7569807 | 2027-Nov-28 | |
| US | 2007-Aug-23 | 11/844176 | | US 7810956 | 2010-Oct-12 | 7810956 | 2027-Nov-27 | Yes |
| US | 2007-Aug-24 | 60/968002 | | | | | | |
| US | 2007-Aug-24 | 60/957,753 | | | | | | |
| US | 2007-Sep-03 | 12/439307 | 2010-Apr-15 | US 2010094439 | | | | |
| US | 2007-Sep-18 | 12/439,809 | 2009-Dec-17 | US 8149406 | 2012-Apr-03 | 8149406 | 2028-Nov-05 | Yes |
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| US | 2007-Sep-20 | 12/443,852 | 2010-Feb-04 | US 8067898 | 2011-Nov-29 | 8067898 | 2028-Aug-30 | |
| US | 2007-Sep-20 | 12/443,859 | 2010-Jul-01 | US 8106599 | 2012-Jan-31 | 8106599 | 2028-May-09 | |
| US | 2007-Sep-21 | 60/994,792 | | | | | | |
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| US | 2007-Oct-19 | 11/875196 | 2008-Apr-24 | US 7961113 | 2011-Jun-14 | 7961113 | 2029-Oct-16 | |
| US | 2007-Oct-31 | 11/931684 | 2008-May-01 | US 7731389 | 2010-Jun-08 | 7731389 | 2028-Aug-01 | |
| US | 2007-Nov-06 | 12/513520 | 2010-Mar-25 | US 8013533 | 2011-Sep-06 | 8013533 | 2028-Aug-25 | |
| US | 2007-Nov-08 | 12/514,463 | 2010-Mar-04 | US 8217763 | 2012-Jul-18 | 8217763 | 2029-Mar-15 | |
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| US | 2007-Nov-27 | 12/516027 | 2010-Feb-25 | US 8692656 | 2014-Apr-08 | 8692656 | 2030-Dec-23 | |
| US | 2007-Nov-27 | 11/945480 | | US 7806558 | 2010-Oct-05 | 7806558 | 2028-Dec-31 | |
| US | 2007-Dec-04 | 60/992186 | | | | | | |
| US | 2007-Dec-07 | 12/517367 | 2010-Apr-01 | US 8412354 | 2013-Apr-02 | 8412354 | 2029-Mar-13 | |
| US | 2007-Dec-11 | 12/001786 | 2008-Sep-04 | US 7868562 | 2011-Jan-11 | 7868562 | 2029-Jan-25 | |
| US | 2007-Dec-11 | 12/001642 | 2008-Jul-10 | US 9069341 | 2015-Jun-30 | 9069341 | 2033-Mar-29 | |
| US | 2007-Dec-12 | 11/955196 | | | | | | |
| US | 2007-Dec-14 | 12/519,392 | 2010-Feb-11 | US 8190096 | 2012-May-29 | 8190096 | 2029-Feb-08 | Yes |
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| US | 2008-Jan-08 | 11/970,622 | 2009-Jul-09 | US2009-0175040 | 2011-Jan-25 | 7874711 | 2029-Feb-02 | Yes |
| US | 2008-Jan-09 | 61/010,549 | | | | | | Yes |
| US | 2008-Jan-30 | 61/024,584 | | | | | | Yes |
| US | 2008-Feb-15 | 61/065,914 | | | | | | |
| US | 2008-Mar-03 | 12/529546 | 2010-Mar-25 | US 2010076250 | | | | Yes |
| US | 2008-Mar-10 | 12/075,184 | 2009-Sep-10 | 2009-0225549 | 2011-Feb-15 | 7887216 | 2028-Aug-28 | |
| US | 2008-Mar-12 | 13/431,569 | | US 8482220 | 2013-Jul-09 | 8482220 | 2028-Mar-12 | |
| US | 2008-Mar-12 | 13/917,194 | | US 8963449 | 2015-Feb-24 | 8963449 | 2028-Mar-12 | |
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| US | 2008-Mar-31 | 12/593,308 | 2010-Apr-29 | US 8203284 | 2012-Jun-19 | 8203284 | 2029-Jan-06 | |

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| US | 2008-Apr-04 | 12/593,382 | 2010-May-13 | US 8220958 | 2012-Jul-17 | 8220958 | 2029-Feb-16 | |
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| US | 2008-Apr-28 | 12/598,222 | 2010-Jun-03 | US 8346376 | 2013-Jan-01 | 8346376 | 2029-Sep-17 | Yes |
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| US | 2008-Apr-30 | 12/113320 | 2008-Nov-13 | US 2008278092 | | | | |
| US | 2008-May-01 | 12/598285 | 2010-Jun-03 | US 8330387 | 2012-Dec-11 | 8330387 | 2029-Jul-03 | |
| US | 2008-May-02 | 13/108,551 | 2011-Sep-08 | US 8434897 | 2013-May-07 | 8434897 | 2028-May-02 | |
| US | 2008-May-02 | 12/114500 | 2008-Nov-20 | US 7828465 | 2010-Nov-09 | 7828465 | 2029-Jan-30 | |
| US | 2008-May-02 | 12/975991 | 2011-Apr-21 | US 8408741 | 2013-Apr-02 | 8408741 | 2028-Jul-08 | |
| US | 2008-May-05 | 12/599333 | 2010-Sep-23 | US 7943940 | 2011-May-17 | 7943940 | 2028-May-07 | |
| US | 2008-May-06 | 12/599336 | 2011-Feb-03 | US 2011025230 | | | | |
| US | 2008-May-19 | 13/683,594 | 2008-Nov-27 | WO 2008/144672 | 2014-Jul-15 | 8777457 | 2028-May-19 | |
| US | 2008-May-19 | 14/330,598 | 2008-Nov-27 | WO 2008/144672 | 2016-Nov-01 | 9482394 | 2028-Oct-29 | |
| US | 2008-May-19 | 12/599,500 | 2008-Nov-27 | WO 2008144672 | 2013-Apr-30 | 8430538 | 2029-Aug-31 | |
| US | 2008-May-22 | 12/601279 | 2010-Jul-08 | US 8506612 | 2013-Aug-13 | 8506612 | 2029-Aug-18 | Yes |
| US | 2008-May-26 | 12/600871 | 2010-Jul-08 | US 8425101 | 2013-Apr-23 | 8425101 | 2030-Mar-05 | |
| US | 2008-May-30 | 12/602,206 | 2010-Jul-08 | US 9368071 | 2016-Jun-14 | 9368071 | 2031-Jul-29 | |
| US | 2008-Jun-09 | 12/663522 | 2010-Jul-01 | US 8770787 | 2014-Jul-08 | 8770787 | 2029-Jul-28 | |
| US | 2008-Jun-17 | 12/140520 | | US 7950833 | 2011-May-31 | 7950833 | 2029-Jul-04 | Yes |
| US | 2008-Jun-23 | 12/665,126 | 2010-Jul-29 | US 8258713 | 2012-Sep-04 | 8258713 | 2029-Mar-04 | |
| US | 2008-Jun-26 | 12/146512 | 2009-Oct-08 | US 2009251059 | 2012-Jul-03 | 8212494 | 2031-Jan-31 | |
| US | 2008-Jun-30 | 12/165547 | | US 8022683 | 2011-Sep-20 | 8022683 | 2029-Oct-14 | Yes |
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| US | 2008-Jul-07 | 12/817,143 | 2010-Oct-07 | US 8047699 | 2011-Nov-01 | 8047699 | 2028-Jul-07 | |
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| US | 2008-Jul-07 | 12/817,144 | 2010-Oct-07 | US 8016459 | 2011-Sep-13 | 8016459 | 2028-Jul-07 | |
| US | 2008-Jul-11 | 12/832,358 | 2010-Oct-28 | US 7959326 | 2011-Jun-14 | 7959326 | 2028-Jul-11 | |
| US | 2008-Jul-11 | 12/171362 | | US 7766509 | 2010-Aug-03 | 7766509 | 2028-Nov-12 | |
| US | 2008-Jul-21 | 12/669059 | 2010-Aug-05 | US 8159155 | 2012-Apr-17 | 8159155 | 2029-Apr-18 | |
| US | 2008-Jul-24 | 61/083,499 | | | | | | Yes |
| US | 2008-Aug-01 | 12/515372 | 2010-Mar-18 | US 2010065861 A1 | 2011-Aug-30 | 8008673 | 2029-Apr-29 | |
| US | 2008-Aug-01 | 13/158854 | 2011-Oct-20 | US 2011254040 A1 | 2012-Oct-16 | 8288790 | 2028-Aug-01 | |
| US | 2008-Aug-01 | 13/158948 | 2011-Oct-06 | US 2011241033 A1 | 2012-Aug-07 | 8237178 | 2028-Aug-01 | |
| US | 2008-Aug-14 | 61/088,812 | | | | | | |
| US | 2008-Aug-14 | 12/673038 | 2012-May-17 | US 8427721 | 2013-Apr-23 | 8427721 | 2030-Jan-24 | |
| US | 2008-Aug-23 | 12/675035 | | | 2013-Nov-19 | 8587217 | 2029-Feb-21 | |
| US | 2008-Aug-28 | 61/092520 | | | | | | |
| US | 2008-Aug-28 | 12/674,940 | 2011-Jun-02 | US 8748922 | 2014-Jun-10 | 8748922 | 2031-Mar-31 | Yes |
| US | 2008-Aug-29 | 61/092,842 | | | | | | Yes |
| US | 2008-Sep-16 | 12/679,324 | 2010-Aug-19 | US 8319406 | 2012-Nov-27 | 8319406 | 2029-Jan-16 | |
| US | 2008-Sep-22 | 16/853,962 | 2020-Aug-06 | US-2020-0248895 | 2023-Jan-31 | 11570875 | 2029-Mar-19 | |
| US | 2008-Sep-22 | 13/543,439 | | | 2014-Nov-04 | 8,876,328 | 2028-Sep-22 | |
| US | 2008-Sep-22 | 12/235,116 | 2009-Apr-02 | US2009-0086476 | 2011-Jun-14 | 7959332 | 2029-Sep-06 | |
| US | 2008-Sep-22 | 15/646,384 | | | 2020-Apr-28 | 10634321 | 2028-Sep-22 | |
| US | 2008-Sep-22 | 13/965,026 | | | 2014-Dec-16 | 8911121 | 2028-Sep-22 | |
| US | 2008-Sep-22 | 13/934,019 | | | 2014-Dec-09 | 8905602 | 2028-Sep-22 | |
| US | 2008-Sep-22 | 12/235,127 | 2009-Apr-02 | US2009-0086481 | 2011-Aug-09 | 7993034 | 2028-Nov-23 | Yes |
| US | 2008-Sep-22 | 12/235,141 | | | | | | |
| US | 2008-Sep-22 | 14/569,896 | | | 2017-Jul-18 | 9709253 | 2028-Sep-22 | |
| US | 2008-Sep-22 | 13/109,490 | 2011-Sep-08 | US2011-0216534 | 2013-Jan-08 | 8348479 | 2028-Oct-16 | |
| US | 2008-Sep-22 | 13/735,655 | 2011-Sep-08 | US2011-0216534 | 2014-Jul-29 | 8789978 | 2028-Sep-22 | |
| US | 2008-Sep-22 | 12/235,146 | 2009-May-21 | US2009-0129086 | 2013-Jul-23 | 8491166 | 2029-Aug-17 | |
| US | 2008-Sep-22 | 13/431,439 | 2012-Jul-26 | US2012/0188765 | 2013-Jan-08 | 8348477 | 2028-Sep-22 | |
| US | 2008-Sep-22 | 18513503 | 2024-Jun-13 | US-2024-0191866-A1 | | | | |
| US | 2008-Sep-22 | 14/563,551 | | | 2016-Jul-26 | 9400093 | 2028-Sep-22 | |
| US | 2008-Sep-30 | 61/101,396 | | | | | | Yes |
| US | 2008-Oct-08 | 12/681950 | 2010-Aug-19 | US 8390207 | 2013-Mar-05 | 8390207 | 2029-Nov-07 | |
| US | 2008-Nov-03 | 12/740125 | 2010-Oct-14 | US 8354805 | 2013-Jan-15 | 8354805 | 2029-Sep-16 | |
| US | 2008-Nov-03 | 12/740375 | 2010-Oct-14 | US 8412359 | 2013-Apr-02 | 8412359 | 2029-Dec-20 | Yes |
| US | 2008-Nov-05 | 12/265354 | 2009-Mar-19 | US 2009072761 | | | | |
| US | 2008-Nov-24 | 12/744088 | 2010-Sep-30 | US 8378591 | 2013-Feb-19 | 8378591 | 2029-Oct-17 | |
| US | 2008-Dec-02 | 12/746540 | 2010-Sep-30 | US 8400071 | 2013-Mar-19 | 8400071 | 2029-Oct-25 | |
| US | 2008-Dec-03 | 61/119,487 | | | | | | Yes |
| US | 2008-Dec-03 | 12/327432 | 2009-Dec-17 | US 8002435 | 2011-Aug-23 | 8002435 | 2029-Jul-07 | Yes |
| US | 2008-Dec-03 | 12/327531 | | US 8076859 | 2011-Dec-13 | 8076859 | 2029-Dec-30 | Yes |
| US | 2008-Dec-16 | 12/747525 | 2010-Nov-04 | US 8508139 | 2013-Aug-13 | 8508139 | 2029-Nov-29 | Yes |
| US | 2008-Dec-19 | 12/339651 | 2010-Jun-24 | US 8487546 | 2013-Jul-16 | 8487546 | 2030-Dec-11 | Yes |
| US | 2008-Dec-19 | 14/261096 | 2015-Oct-29 | US 9572208 | 2017-Feb-14 | 9572208 | 2029-Feb-14 | Yes |

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| US | 2008-Dec-22 | 12/808910 | 2011-Nov-24 | US 8820972 | 2014-Sep-02 | 8820972 | 2030-Sep-29 | |
| US | 2008-Dec-29 | 12/810535 | 2011-Feb-10 | US 8938468 | 2015-Jan-20 | 8938468 | 2030-Oct-06 | |
| US | 2008-Dec-30 | 12/345953 | 2010-Jun-17 | US 8013281 | 2011-Sep-06 | 8013281 | 2020-Dec-20 | |
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| US | 2009-Jan-13 | 12/812043 | 2011-Aug-04 | US 2011190913 | | | | Yes |
| US | 2009-Jan-30 | 12/363268 | 2010-Aug-05 | US 2010195333 A1 | 2012-Aug-21 | 8246212 | 2030-Sep-18 | |
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| US | 2009-Jan-30 | 12/363286 | 2010-Aug-05 | US 2010195330 A1 | 2012-Oct-16 | 8287150 | 2031-Jan-30 | |
| US | 2009-Jan-30 | 12/363281 | 2010-Aug-05 | US 2010195323 A1 | 2012-Apr-17 | 8157414 | 2030-Jan-18 | |
| US | 2009-Feb-02 | 61/149142 | | | | | | Yes |
| US | 2009-Feb-16 | 12/371,891 | | | 2012-Jun-26 | 8207687 | 2030-Dec-05 | |
| US | 2009-Feb-16 | 13/525,997 | | | 2014-Jul-15 | 8779691 | 2029-Jul-30 | |
| US | 2009-Mar-13 | 12/832,523 | | | 2013-Apr-30 | 8430529 | 2030-Feb-26 | |
| US | 2009-Mar-13 | 14/275,576 | 2014-Nov-13 | 2014-0334155 | 2015-Jun-02 | 9046231 | 2029-Mar-13 | |
| US | 2009-Mar-13 | 13/109,503 | 2011-Sep-08 | US2011/0216532 | 2012-Nov-06 | 8303142 | 2029-Mar-13 | |
| US | 2009-Mar-13 | 12/403,575 | 2010-Sep-16 | US2010-0232147 | 2011-Jun-07 | 7954980 | 2029-Jun-26 | |
| US | 2009-Mar-13 | 13/868,825 | | | 2014-May-13 | 8721120 | 2030-Jul-08 | |
| US | 2009-Apr-21 | 12/989091 | 2011-Feb-24 | US 8957595 | 2015-Feb-17 | 8957595 | 2031-Jul-05 | |
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| US | 2009-Apr-30 | 12/433222 | 2010-Nov-04 | US 8482223 | 2013-Jul-09 | 8482223 | 2030-May-04 | Yes |
| US | 2009-May-15 | 13/073,726 | 2011-Jul-14 | US 2011169407 | 2013-Jan-08 | 8,350,485 | 2029-May-15 | Yes |
| US | 2009-May-15 | 12/467070 | | US 7810968 | 2010-Oct-12 | 7810968 | 2029-May-15 | Yes |
| US | 2009-May-20 | 12/993284 | 2011-Mar-17 | US 8434913 | 2013-May-07 | 8434913 | 2030-May-14 | |
| US | 2009-May-27 | 12/993872 | 2011-Mar-24 | US 9253707 | 2016-Feb-02 | 9253707 | 2031-Jun-21 | Yes |
| US | 2009-May-28 | 12/473739 | 2010-Sep-16 | US 2010231133 | 2017-Jun-27 | 9693413 | 2030-Jun-25 | |
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| US | 2009-Jun-03 | 12/994875 | 2011-Apr-14 | US 2011084901 | | | | Yes |
| US | 2009-Jul-03 | 13/002801 | 2011-May-19 | US 8604700 | 2013-Dec-10 | 8604700 | 2030-Aug-17 | Yes |
| US | 2009-Jul-10 | 13/002573 | 2011-May-12 | US 8492179 | 2013-Jul-23 | 8492179 | 2029-Jul-29 | |
| US | 2009-Jul-16 | 13/054800 | 2011-May-26 | US 8559175 | 2013-Oct-15 | 8559175 | 2030-Jan-08 | Yes |
| US | 2009-Jul-17 | 13/070,299 | 2011-Jul-14 | US 2011069417 | 2012-Aug-21 | 8,247,998 | 2029-Jul-17 | |
| US | 2009-Jul-17 | 12/504,994 | 2010-Sep-16 | US 2010231135 | 2011-May-03 | 7,936,135 | 2029-Jul-17 | |
| US | 2009-Jul-17 | 13/080,353 | 2011-Jul-28 | US 20110181194 | 2012-Jan-03 | 8,089,217 | 2029-Jul-17 | |
| US | 2009-Jul-22 | 13/055213 | 2011-Jun-02 | US 8493004 | 2013-Jul-23 | 8493004 | 2030-Mar-16 | |
| US | 2009-Jul-22 | 13/055517 | 2011-May-19 | US 8466627 | 2013-Jun-18 | 8466627 | 2030-Mar-07 | |
| US | 2009-Jul-24 | 13/662,465 | 2013-Nov-07 | US 20130293156 | 2016-Apr-12 | 9310027 | 2029-Jul-24 | Yes |
| US | 2009-Jul-24 | 15/076,579 | 2019-Jan-24 | US 20190024873 | 2020-Apr-07 | 10612726 | 2029-Dec-03 | Yes |
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| US | 2009-Jul-24 | 12/509,380 | 2010-Jan-28 | US 20100020536 | 2012-Oct-30 | 8297782 | 2031-Jan-19 | Yes |
| US | 2009-Jul-24 | 13/662,467 | 2013-Nov-07 | US 20130294065 | 2016-Apr-12 | 9310049 | 2029-Jul-24 | Yes |
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| US | 2009-Aug-11 | 13/058028 | 2011-Jun-16 | US 8896414 | 2014-Nov-25 | 8896414 | 2031-Jul-11 | |
| US | 2009-Aug-13 | 13/418,896 | 2011-May-19 | US-20110115360 | 2013-Jun-04 | 8454205 | 2029-Aug-13 | |
| US | 2009-Aug-13 | 12/945,515 | 2011-May-19 | US-20110115360 | 2012-Mar-13 | 8132942 | 2029-Aug-13 | |
| US | 2009-Aug-13 | 16/292,097 | | | 2019-Sep-03 | 10400996 | 2029-Aug-13 | |
| US | 2009-Aug-13 | 13/908,663 | | | 2016-Mar-29 | 9297517 | 2029-Sep-28 | |
| US | 2009-Aug-13 | 12/541,060 | 2010-Feb-18 | US2010-0039810 | 2010-Dec-21 | 7854536 | 2029-Aug-13 | |
| US | 2009-Aug-13 | 16/557,928 | | | 2021-Apr-13 | 10976027 | 2029-Aug-13 | |
| US | 2009-Aug-13 | 15/083,074 | | | 2019-Mar-05 | 10222030 | 2029-Aug-13 | |
| US | 2009-Aug-14 | 61/233,829 | | | | | | |
| US | 2009-Aug-14 | 61/234,094 | | | | | | Yes |
| US | 2009-Sep-02 | 13/120347 | 2011-Jul-21 | US 8552662 | 2013-Oct-08 | 8552662 | 2030-Jun-14 | |
| US | 2009-Sep-04 | 13/062955 | 2011-Jul-07 | US 8579473 | 2013-Nov-12 | 8579473 | 2030-Jul-11 | |
| US | 2009-Sep-04 | 14/050,478 | 2014-Feb-06 | US 8979319 | 2015-Mar-17 | 8979319 | 2029-Sep-09 | |
| US | 2009-Sep-11 | 13/062981 | 2011-Jun-30 | US 8723204 | 2014-May-13 | 8723204 | 2030-Mar-10 | Yes |
| US | 2009-Sep-16 | 13/062983 | 2011-Jul-07 | US 8541949 | 2013-Sep-24 | 8541949 | 2030-May-07 | Yes |
| US | 2009-Sep-18 | 13/120666 | 2011-Jul-14 | US 8552666 | 2013-Oct-08 | 8552666 | 2030-Jul-04 | Yes |
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| US | 2009-Sep-30 | 13/561,612 | 2012-Nov-22 | US2012/0293076 | 2013-Aug-27 | 8519883 | 2029-Sep-30 | Yes |
| US | 2009-Oct-07 | 12/575272 | 2010-Apr-15 | US 8829812 | 2014-Sep-09 | 8829812 | 2033-Apr-05 | |
| US | 2009-Oct-07 | 61/249483 | | | | | | |
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| US | 2009-Oct-25 | 61/254,709 | | | | | | Yes |
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| US | 2009-Oct-26 | 61/279750 | | | | | | |
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| US | 2009-Oct-28 | 61/255,491 | | | | | | Yes |
| US | 2009-Nov-03 | 13/126,196 | 2011-Aug-25 | US 8414138 | 2013-Apr-09 | 8414138 | 2029-Nov-03 | |
| US | 2009-Nov-10 | 12/615513 | 2010-Feb-25 | US 2010046227 | 2019-Oct-15 | 10443797 | 2029-Nov-10 | |
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| US | 2009-Nov-12 | 13/128945 | 2011-Oct-13 | US 8314537 | 2012-Nov-20 | 8314537 | 2029-Nov-12 | |

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| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
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| US | 2009-Nov-12 | 13/671,199 | 2011-May-12 | US2011-0110085 | 2014-Jan-21 | 8632214 | 2029-Nov-12 | Yes |
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| US | 2009-Dec-02 | 13/602,450 | | | 2014-Jul-22 | 8783900 | 2029-Dec-02 | Yes |
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| US | 2010-Mar-02 | 12/715,467 | 2010-Sep-09 | US 2010225251 | 2014-Apr-15 | 8698420 | 2032-Sep-02 | Yes |
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| US | 2010-Mar-31 | 61/319,726 | | | | | | Yes |
| US | 2010-Apr-01 | 13/264164 | 2012-Feb-09 | US 8698646 | 2014-Apr-15 | 8698646 | 2030-Oct-05 | |
| US | 2010-Apr-21 | 61/326,552 | | | | | | |
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| US | 2010-Apr-27 | 61/328247 | | | | | | |
| US | 2010-May-05 | 13/320987 | 2012-Mar-15 | US 8531111 | 2013-Sep-10 | 8531111 | 2030-Sep-18 | |
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| US | 2010-May-07 | 12/775,757 | | | 2013-Mar-26 | 8405947 | 2031-Jul-26 | |
| US | 2010-May-07 | 13/848,610 | | | 2014-Mar-18 | 8675332 | 2030-May-07 | |
| US | 2010-May-10 | 12/776,725 | | | 2012-Nov-06 | 8305014 | 2031-May-21 | Yes |
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| US | 2010-May-17 | 61/395589 | | | | | | |
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| US | 2010-May-24 | 14/514,612 | 2015-Mar-05 | US 2015061534 | 2016-Feb-02 | 9,253,844 | 2030-May-24 | |
| US | 2010-May-24 | 15/012,135 | 2016-May-26 | US 2016150604 | 2018-Jan-09 | 9,867,243 | 2030-May-24 | |
| US | 2010-May-24 | 13/676,345 | 2013-May-23 | US 2013127349 | 2014-Dec-30 | 8,922,136 | 2030-Aug-18 | |
| US | 2010-May-24 | 12/824,215 | 2011-Sep-01 | US 2011210678 | 2014-Feb-04 | 8,643,308 | 2030-Jul-13 | Yes |
| US | 2010-May-24 | 12/785,498 | 2011-Nov-10 | US 2011273098 | 2013-Feb-12 | 8,373,363 | 2030-Jul-13 | |
| US | 2010-May-24 | 13/662,979 | 2013-Aug-15 | US 2013207556 | 2014-Aug-05 | 8,796,955 | 2030-May-24 | |
| US | 2010-May-26 | 13/322704 | 2012-Jun-28 | US 8894238 | 2014-Nov-25 | 8894238 | 2031-Apr-12 | |
| US | 2010-May-28 | 13/376012 | 2012-Mar-29 | US 8638036 | 2014-Jan-28 | 8638036 | 2030-Oct-05 | Yes |
| US | 2010-May-31 | 13/376219 | 2012-Apr-05 | US 9226370 | 2015-Dec-29 | 9226370 | 2030-Nov-01 | Yes |
| US | 2010-Jun-04 | 13/376294 | 2012-Nov-01 | US 9184497 | 2015-Nov-10 | 9184497 | 2030-Jun-04 | |
| US | 2010-Jun-04 | 12/794,544 | | | 2015-Oct-13 | 9159521 | 2034-Feb-10 | Yes |
| US | 2010-Jun-04 | 17/371,423 | | | 2022-Nov-29 | RE49320 | 2030-Jun-04 | |
| US | 2010-Jun-07 | 12/795,395 | 2011-Apr-28 | US 2011095687 | 2011-Sep-06 | 8,013,545 | 2030-Jun-07 | |
| US | 2010-Jun-07 | 14/266,045 | 2016-Aug-18 | US 2014232287 | 2016-May-03 | 9,332,608 | 2030-Jul-30 | |
| US | 2010-Jun-07 | 13/776,778 | 2013-Jun-27 | US 2013162166 | 2013-Sep-10 | 8,531,137 | 2030-Jun-07 | |
| US | 2010-Jun-07 | 13/195,655 | 2012-Jul-26 | US 2012187835 | 2013-Apr-16 | 8,421,376 | 2030-Jun-07 | |
| US | 2010-Jun-07 | 12,795,629 | 2011-Apr-28 | US 2011098867 | 2012-May-22 | 8,185,333 | 2030-Aug-24 | Yes |
| US | 2010-Jun-07 | 13/610,732 | 2013-Aug-22 | US 2013214699 | 2014-May-20 | 8,729,826 | 2030-Aug-01 | |
| US | 2010-Jun-07 | 15/137,211 | 2016-Aug-18 | US 2016242266 | 2018-Feb-20 | 9,900,965 | 2030-Jun-07 | |
| US | 2010-Jun-08 | 12/795816 | 2010-Sep-23 | US 7950825 | 2011-May-31 | 7950825 | 2030-Jun-08 | |
| US | 2010-Jun-09 | 13/378381 | 2012-Jun-21 | US 8633650 | 2014-Jan-21 | 8633650 | 2030-Oct-29 | |
| US | 2010-Jun-11 | 13/379037 | 2012-May-03 | US 8845146 | 2014-Sep-30 | 8845146 | 2030-Oct-27 | |
| US | 2010-Jun-14 | 13/379052 | 2012-Apr-26 | US 8227968 | 2012-Jul-24 | 8227968 | 2030-Jun-14 | |
| US | 2010-Jun-15 | 13/379044 | 2012-Apr-26 | US 8680779 | 2014-Mar-25 | 8680779 | 2030-Nov-19 | |
| US | 2010-Jun-16 | 12/817146 | 2010-Sep-30 | US 8262272 | 2012-Sep-11 | 8262272 | 2030-Jun-16 | |
| US | 2010-Jun-22 | 13/380587 | 2012-Apr-26 | US 9155138 | 2015-Oct-06 | 9155138 | 2032-Apr-25 | |
| US | 2010-Jul-09 | 61/363161 | | | | | | |
| US | 2010-Jul-09 | 61/363161 | | | | | | |
| US | 2010-Jul-14 | 13/386479 | 2012-May-17 | US 8939605 | 2015-Jan-27 | 8939605 | 2030-Jul-14 | |

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| US | 2010-Jul-19 | 14/092,603 | | | 2015-Dec-15 | 9212792 | 2030-Jul-19 | Yes |
| US | 2010-Jul-19 | 13/386488 | 2012-Jul-12 | US 9468079 | 2016-Oct-11 | 9468079 | 2033-Dec-08 | |
| US | 2010-Jul-19 | 14/968,693 | | | 2017-Nov-07 | 9810417 | 2030-Dec-22 | Yes |
| US | 2010-Jul-19 | 13/237,094 | | | 2013-Dec-03 | 8596837 | 2030-Dec-08 | Yes |
| US | 2010-Jul-21 | 13/387372 | 2012-May-24 | US 9420672 | 2016-Aug-16 | 9420672 | 2030-Oct-26 | Yes |
| US | 2010-Jul-21 | 12/840301 | 2011-Mar-10 | US 8246200 | 2012-Aug-21 | 8246200 | 2031-Feb-16 | |
| US | 2010-Jul-27 | 13/386700 | 2012-May-24 | US 8723431 | 2014-May-13 | 8723431 | 2031-Feb-10 | |
| US | 2010-Aug-10 | 13/809293 | | | | | | Yes |
| US | 2010-Aug-11 | 12/854200 | 2011-Mar-03 | US 8120279 | 2012-Feb-21 | 8120279 | 2030-Aug-11 | |
| US | 2010-Aug-13 | 12/856,009 | 2012-Feb-16 | US 2012038286 | 2013-May-07 | 8,436,549 | 2031-Mar-10 | |
| US | 2010-Aug-17 | 13/392261 | 2012-Jun-14 | US 9066402 | 2015-Jun-23 | 9066402 | 2031-Mar-16 | Yes |
| US | 2010-Aug-18 | 14/105615 | 2014-Apr-17 | US 9345079 | 2016-May-17 | 9345079 | 2030-Aug-18 | |
| US | 2010-Aug-18 | 13/392530 | 2012-Aug-02 | US 8629619 | 2014-Jan-14 | 8629619 | 2030-Nov-19 | Yes |
| US | 2010-Aug-18 | 13/392543 | 2012-Jun-21 | US 8624513 | 2014-Jan-07 | 8624513 | 2031-Jan-08 | |
| US | 2010-Sep-01 | 13/391646 | 2012-Jun-14 | US 8629622 | 2014-Jan-14 | 8629622 | 2031-Jan-17 | |
| US | 2010-Sep-07 | 13/496275 | 2012-Jul-05 | US 9167652 | 2015-Oct-20 | 9167652 | 2031-Apr-07 | |
| US | 2010-Sep-09 | 61/381,354 | | | | | | |
| US | 2010-Sep-09 | 13/202468 | 2012-Jul-05 | US 8622577 | 2014-Jan-07 | 8622577 | 2030-Sep-09 | |
| US | 2010-Sep-10 | 13/496539 | 2012-Jul-05 | US 2012170265 | 2017-Aug-22 | 9743521 | 2032-Jun-27 | Yes |
| US | 2010-Sep-13 | 13/392637 | 2012-Jun-21 | US 8746936 | 2014-Jun-10 | 8746936 | 2031-Jan-05 | |
| US | 2010-Sep-16 | 12/883,596 | 2012-Mar-22 | US 2012070153 | 2013-Apr-16 | 8,422,889 | 2031-Jun-15 | Yes |
| US | 2010-Sep-16 | 13/862,360 | 2013-Sep-26 | US 2013253925 | 2015-Jul-21 | 9,087,514 | 2031-Apr-05 | Yes |
| US | 2010-Sep-24 | 13/394341 | 2012-Jun-28 | US 9220154 | 2015-Dec-22 | 9220154 | 2032-Dec-06 | Yes |
| US | 2010-Sep-29 | 13/500101 | 2012-Aug-02 | US 9039252 | 2015-May-26 | 9039252 | 2031-May-05 | |
| US | 2010-Oct-08 | 12/900535 | 2011-Feb-03 | US 8240900 | 2012-Aug-14 | 8240900 | 2030-Oct-08 | |
| US | 2010-Oct-22 | 61/405688 | | | | | | Yes |
| US | 2010-Oct-26 | 13/481898 | 2012-Sep-20 | US 8344630 | 2013-Jan-01 | 8344630 | 2030-Oct-26 | |
| US | 2010-Oct-26 | 12/912613 | 2011-Oct-06 | US 8283875 | 2012-Oct-09 | 8283875 | 2030-Nov-12 | |
| US | 2010-Oct-26 | 13/706104 | 2013-Apr-18 | US 8547024 | 2013-Oct-01 | 8547024 | 2030-Oct-26 | |
| US | 2010-Oct-26 | 12/912576 | 2011-Aug-25 | US 8203277 | 2012-Jun-19 | 8203277 | 2030-Oct-26 | |
| US | 2010-Oct-28 | 12/914,575 | 2011-May-12 | US 2011109244 | 2013-Sep-10 | 8,531,136 | 2031-Oct-07 | Yes |
| US | 2010-Oct-29 | 13/505767 | 2012-Sep-06 | US 9338860 | 2016-May-10 | 9338860 | 2032-Jun-02 | |
| US | 2010-Oct-29 | 13/505547 | 2012-Aug-23 | US 8729830 | 2014-May-20 | 8729830 | 2031-May-11 | Yes |
| US | 2010-Nov-04 | 61/410,259 | | | | | | Yes |
| US | 2010-Nov-11 | 61/412,740 | | | | | | |
| US | 2010-Nov-16 | 61/414,291 | | | | | | |
| US | 2010-Nov-22 | 13/513870 | 2012-Nov-08 | US 8668354 | 2014-Mar-11 | 8668354 | 2030-Nov-22 | |
| US | 2010-Nov-25 | 13/093700 | 2012-Apr-26 | US 8686668 | 2014-Apr-01 | 8686668 | 2031-Oct-23 | |
| US | 2010-Dec-10 | 13/513648 | | | | | | |
| US | 2010-Dec-13 | 13/519422 | 2012-Nov-29 | US 8827494 | 2014-Sep-09 | 8827494 | 2031-Jan-30 | |
| US | 2010-Dec-14 | 61/423,022 | | | | | | |
| US | 2010-Dec-14 | 61/423,016 | | | | | | |
| US | 2010-Dec-15 | 61/423144 | | | | | | Yes |
| US | 2010-Dec-16 | 61/423,883 | | | | | | Yes |
| US | 2010-Dec-20 | 12/973,338 | | | 2012-Sep-25 | 8272756 | 2030-Dec-20 | |
| US | 2011-Jan-04 | 13/628,185 | 2013-Jan-24 | US 2013020943 | 2013-Jun-04 | 8,456,090 | 2031-Jan-04 | Yes |
| US | 2011-Jan-04 | 12/984,583 | 2011-Jul-07 | US 2011163668 | 2012-Feb-14 | 8,115,397 | 2031-Jan-04 | Yes |
| US | 2011-Jan-04 | US13/249,391 | | | 2012-May-22 | 8,183,783 | 2031-Jan-04 | Yes |
| US | 2011-Jan-21 | US 61/435,268 | | | | | | Yes |
| US | 2011-Jan-28 | 13/015,877 | | | 2013-Mar-26 | 8403533 | 2031-May-13 | |
| US | 2011-Feb-11 | 13/025615 | 2011-Jun-09 | US 8144025 | 2012-Mar-27 | 8144025 | 2031-Feb-11 | Yes |
| US | 2011-Feb-14 | 13/026,957 | | | 2013-Apr-30 | 8430533 | 2031-Aug-04 | Yes |
| US | 2011-Feb-28 | 61/447,173 | | | | | | |
| US | 2011-Feb-28 | 13/582417 | 2012-Dec-20 | US 8729781 | 2014-May-20 | 8729781 | 2031-Feb-28 | |
| US | 2011-Feb-28 | 14/204557 | 2014-Jul-10 | US 9383081 | 2016-Jul-05 | 9383081 | 2031-Feb-28 | |
| US | 2011-Feb-28 | 13/036,420 | | | 2013-Jun-25 | 8471488 | 2031-Nov-05 | |
| US | 2011-Mar-01 | 13/634956 | 2013-May-02 | US 9456486 | 2016-Sep-27 | 9456486 | 2033-Oct-14 | Yes |
| US | 2011-Mar-11 | 13/636165 | 2013-Jun-06 | US 2013141001 | 2016-Nov-01 | 9485833 | 2033-Nov-16 | |
| US | 2011-Mar-15 | 13/048,435 | | | 2015-Apr-21 | 9010956 | 2034-Jan-19 | |
| US | 2011-Mar-15 | 16/538,709 | | | 2020-Jan-07 | 10527264 | 2031-Mar-15 | |
| US | 2011-Mar-15 | 15/470,631 | | | 2019-Aug-13 | 10378738 | 2031-Mar-15 | |
| US | 2011-Mar-15 | 16/735,124 | | | 2020-Jun-09 | 10677429 | 2031-Mar-15 | |
| US | 2011-Mar-15 | 14/690,188 | | | 2017-Mar-28 | 9605842 | 2031-Mar-15 | |
| US | 2011-Mar-24 | 61/467,253 | | | | | | Yes |
| US | 2011-Mar-25 | 13/072638 | 2011-Nov-03 | US 8339066 | 2012-Dec-25 | 8339066 | 2031-Mar-25 | |
| US | 2011-Mar-31 | 13/077421 | 2012-Feb-02 | US 2012025608 | 2019-Apr-16 | 10263532 | 2034-May-23 | Yes |
| US | 2011-Mar-31 | 13/077,955 | 2011-Oct-06 | US 2011241559 | 2014-Feb-18 | 8,651,691 | 2032-Jan-31 | Yes |
| US | 2011-Mar-31 | 16/412,909 | | | 2019-Dec-03 | 10495296 | 2031-Mar-31 | Yes |
| US | 2011-Mar-31 | 13/951,845 | 2013-Nov-21 | US 2013308313 | 2019-Jun-25 | 10,330,305 | 2034-Oct-04 | Yes |
| US | 2011-Apr-01 | 61/470597 | | | | | | |
| US | 2011-Apr-01 | 13/639877 | 2013-Feb-21 | US 9151469 | 2015-Oct-06 | 9151469 | 2031-Jul-31 | |
| US | 2011-Apr-07 | 13/081852 | 2011-Oct-13 | US 2011249431 | 2012-Oct-02 | 8277078 | 2031-May-26 | |
| US | 2011-Apr-13 | 13/085,917 | 2012-Jun-14 | US 2012147604 | 2014-Feb-04 | 8,641,241 | 2031-Dec-01 | |
| US | 2011-Apr-13 | 61/475,059 | | | | | | Yes |

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| US | 2011-Apr-13 | 13/696414 | | US 8847475 | 2014-Sep-30 | 8847475 | 2031-Apr-13 | Yes |
| US | 2011-Apr-21 | 13/091,922 | | | 2014-Jul-14 | 8777460 | 2032-Oct-12 | |
| US | 2011-Apr-21 | 14/749,263 | | | 2016-Aug-02 | 9404628 | 2031-Apr-21 | |
| US | 2011-Apr-21 | 15/192,155 | | | 2017-Mar-07 | 9587814 | 2031-Apr-21 | |
| US | 2011-Apr-21 | 15/620,104 | | | 2018-Nov-27 | 10139062 | 2031-Dec-06 | |
| US | 2011-Apr-21 | 18/096,733 | 2023-May-18 | US20230151938A1 | 2024-Feb-20 | 11906130 | 2031-Apr-21 | |
| US | 2011-Apr-21 | 13/092,039 | 2011-Dec-22 | US2011/0310600 A1 | 2016-Jun-28 | 9377173 | 2032-Sep-15 | |
| US | 2011-Apr-21 | 14/330,728 | 2014-Oct-30 | 2014-0321131 | 2017-Jun-13 | 9677727 | 2031-Dec-06 | |
| US | 2011-Apr-21 | 16/680,231 | | | 2021-Jul-13 | 11060677 | 2031-May-01 | |
| US | 2011-Apr-21 | 17/372,193 | 2021-Nov-04 | US-2021-0341113-A1 | 2023-Jan-17 | 11555588 | 2034-Jul-14 | |
| US | 2011-Apr-21 | 16/200,237 | | | 2019-Nov-12 | 10473280 | 2031-Dec-06 | |
| US | 2011-Apr-22 | 13/641982 | 2013-Feb-07 | US 8937434 | 2015-Jan-20 | 8937434 | 2031-Jul-05 | |
| US | 2011-Apr-26 | 13/643570 | 2013-Feb-14 | US 8981637 | 2015-Mar-17 | 8981637 | 2032-Feb-01 | |
| US | 2011-Apr-26 | 13/456,791 | 2012-Nov-01 | US 2012274230 | 2015-Mar-03 | 8970123 | 2031-Oct-24 | Yes |
| US | 2011-Apr-27 | 13/695800 | 2013-Feb-28 | US 8979337 | 2015-Mar-17 | 8979337 | 2031-Sep-27 | |
| US | 2011-May-17 | 13/109,609 | 2011-Sep-08 | US2011/0216544 | 2012-Jul-03 | 8210722 | 2031-May-17 | |
| US | 2011-May-31 | 61/491676 | | | | | | Yes |
| US | 2011-Jun-03 | 13/198,854 | 2012-Dec-06 | US 2012306381 | 2014-Jul-15 | 8779681 | 2032-Mar-12 | Yes |
| US | 2011-Jun-03 | 14/329,241 | 2014-Oct-30 | US 2014320024 | 2018-Jan-16 | 9872359 | 2031-Jun-03 | Yes |
| US | 2011-Jun-07 | 14/526,316 | | US 2015048162 | 2018-Jan-30 | 9,881,275 | 2031-Sep-29 | Yes |
| US | 2011-Jun-07 | 13/155,253 | 2012-Dec-13 | US 2012312874 | 2014-Nov-25 | 8,893,968 | 2032-Feb-01 | Yes |
| US | 2011-Jun-13 | 61/496119 | | | | | | Yes |
| US | 2011-Jun-14 | 13/159,798 | 2012-Dec-20 | US 2012319616 | 2014-Sep-02 | 8820963 | 2032-Jan-13 | Yes |
| US | 2011-Jun-16 | 13/703717 | 2013-Oct-24 | US 9288866 | 2016-Mar-15 | 9288866 | 2032-Mar-07 | |
| US | 2011-Jun-16 | 15/046,121 | 2016-Aug-25 | US 9609717 | 2017-Mar-28 | 9609717 | 2031-Jun-16 | |
| US | 2011-Jun-20 | 13/808789 | 2013-May-02 | US 9247616 | 2016-Jan-26 | 9247616 | 2032-Jun-17 | Yes |
| US | 2011-Jun-20 | 61/498864 | | | | | | |
| US | 2011-Jun-24 | 13/810787 | 2013-May-09 | US 8858248 | 2014-Oct-14 | 8858248 | 2031-Sep-13 | |
| US | 2011-Jun-30 | 61/503,369 | | | | | | Yes |
| US | 2011-Jun-30 | 13/174404 | | US 8593075 | 2013-Nov-26 | 8593075 | 2032-May-22 | |
| US | 2011-Jun-30 | 13/806340 | 2013-Apr-18 | US 8845127 | 2014-Sep-30 | 8845127 | 2031-Jun-30 | |
| US | 2011-Jul-08 | 61/505636 | | | | | | Yes |
| US | 2011-Jul-13 | 61/507168 | | | | | | |
| US | 2011-Jul-14 | 13/810924 | 2013-May-16 | US 9151467 | 2015-Oct-06 | 9151467 | 2032-Jun-12 | |
| US | 2011-Jul-20 | 61/509,951 | | | | | | |
| US | 2011-Jul-21 | 13/188,043 | | | 2014-Jan-14 | 8629631 | 2032-Jul-08 | |
| US | 2011-Jul-25 | 61/511245 | | | | | | |
| US | 2011-Jul-29 | 13/194699 | | US 8749173 | 2014-Jun-10 | 8749173 | 2032-Nov-29 | |
| US | 2011-Jul-29 | 14/102809 | 2015-Jun-11 | US 9240725 | 2016-Jan-19 | 9240725 | 2031-Jul-29 | |
| US | 2011-Jul-29 | 13/194808 | 2012-Feb-02 | US 8610364 | 2013-Dec-17 | 8610364 | 2032-Feb-23 | |
| US | 2011-Jul-29 | 61/513,376 | | | | | | Yes |
| US | 2011-Aug-02 | 61/514123 | | | | | | Yes |
| US | 2011-Aug-02 | 61/514,242 | | | | | | |
| US | 2011-Aug-05 | 13/819884 | 2013-Jun-20 | US 2013159754 | 2018-Jun-05 | 9990019 | 2034-Jun-09 | |
| US | 2011-Aug-08 | 61/521061 | | | | | | Yes |
| US | 2011-Aug-11 | 13/816953 | 2013-Jun-13 | US 9057492 | 2015-Jun-16 | 9057492 | 2031-Aug-30 | |
| US | 2011-Aug-15 | 61/523542 | | | | | | |
| US | 2011-Aug-29 | 13/220,411 | | | 2014-Aug-05 | 8794792 | 2031-Aug-29 | |
| US | 2011-Aug-30 | 61/528,802 | | | | | | |
| US | 2011-Sep-05 | 13/820571 | 2013-Jun-27 | US 2013162172 | 2015-Jan-13 | 8933903 | 2031-Sep-20 | Yes |
| US | 2011-Sep-14 | 13/232,988 | 2012-Jun-14 | US 2012146505 | 2012-Nov-20 | 8,314,571 | 2031-Sep-14 | Yes |
| US | 2011-Sep-19 | 61/536120 | | | | | | Yes |
| US | 2011-Sep-19 | 13/825338 | 2013-Aug-08 | US 2013201690 | 2018-Jul-24 | 10030850 | 2031-Nov-02 | Yes |
| US | 2011-Sep-22 | 61/537747 | | | | | | Yes |
| US | 2011-Sep-23 | 61/538180 | | | | | | Yes |
| US | 2011-Oct-06 | 61/543861 | | | | | | |
| US | 2011-Oct-12 | 13/880069 | 2013-Aug-15 | US 9163814 | 2015-Oct-20 | 9163814 | 2032-May-14 | Yes |
| US | 2011-Oct-14 | 61/547082 | | | | | | |
| US | 2011-Oct-19 | 61/548882 | | | | | | |
| US | 2011-Oct-20 | 61/549360 | | | | | | |
| US | 2011-Nov-04 | 13/882,204 | 2012-May-10 | US 2013235593 | 2015-Apr-28 | 9,016,900 | 2031-Nov-04 | |
| US | 2011-Nov-04 | 61/555647 | | | | | | |
| US | 2011-Nov-04 | 13/872,321 | 2013-Sep-12 | US 2013235592 | 2014-Oct-14 | 8,858,027 | 2031-Nov-04 | |
| US | 2011-Nov-04 | 13/872,327 | 2013-Sep-12 | US 2013235593 | 2016-Mar-15 | 9,285,104 | 2031-Nov-04 | |
| US | 2011-Nov-04 | 13/289816 | 2015-Apr-28 | US 9018851 | 2015-Apr-28 | 9018851 | 2033-Jul-15 | Yes |
| US | 2011-Nov-07 | 13/290,970 | 2012-May-17 | US 2012120655 | | | | |
| US | 2011-Nov-07 | 13/873,758 | 2013-Sep-19 | US 2013242535 | 2015-Sep-08 | 9,127,829 | 2032-Jan-20 | |
| US | 2011-Nov-07 | 13/290,163 | 2012-May-24 | US 2012126708 | 2016-Nov-15 | 9,497,808 | 2033-Oct-08 | Yes |
| US | 2011-Nov-11 | 61/558,529 | | | | | | |
| US | 2011-Nov-14 | 61/531142 | | | | | | |
| US | 2011-Nov-15 | 13/988140 | 2013-Sep-12 | US 9119260 | 2015-Aug-25 | 9119260 | 2032-Jul-20 | |
| US | 2011-Nov-16 | 13/298002 | 2012-May-17 | US 8547034 | 2013-Oct-01 | 8547034 | 2032-Mar-27 | |
| US | 2011-Nov-16 | 14/012775 | 2013-Dec-23 | US 9155163 | 2015-Oct-06 | 9155163 | 2031-Nov-16 | |
| US | 2011-Nov-16 | 61/560409 | | | | | | |

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| US | 2011-Nov-17 | 61/560970 | | | | | | |
| US | 2011-Nov-22 | 13/989472 | 2013-Sep-26 | US 9313838 | 2016-Apr-12 | 9313838 | 2032-Jun-19 | |
| US | 2011-Nov-25 | 13/093705 | 2012-Mar-15 | US 8598804 | 2013-Dec-03 | 8598804 | 2031-Nov-25 | |
| US | 2011-Dec-01 | 13/989546 | 2013-Sep-26 | US 9265132 | 2016-Feb-16 | 9265132 | 2032-Sep-17 | Yes |
| US | 2011-Dec-01 | 13/308552 | 2012-Jun-07 | US 8508156 | 2013-Aug-13 | 8508156 | 2032-Mar-12 | |
| US | 2011-Dec-09 | 13/996778 | 2013-Oct-10 | US 9234635 | 2016-Jan-12 | 9234635 | 2031-Dec-09 | |
| US | 2011-Dec-14 | 13/997521 | 2013-Oct-17 | US 9357614 | 2016-May-31 | 9357614 | 2032-Sep-24 | Yes |
| US | 2011-Dec-16 | 14/701,791 | 2015-Nov-26 | US 9502984 | 2016-Nov-22 | 9502984 | 2031-Dec-16 | Yes |
| US | 2011-Dec-16 | 13/328801 | 2012-Jun-21 | US 9025347 | 2015-May-05 | 9025347 | 2033-Jul-04 | Yes |
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| US | 2012-Jan-06 | 61/583654 | | | | | | |
| US | 2012-Jan-06 | 61/583707 | | | | | | |
| US | 2012-Jan-06 | 61/583645 | | | | | | Yes |
| US | 2012-Jan-11 | 13/978549 | 2014-Jan-02 | US 9249965 | 2016-Feb-02 | 9249965 | 2032-Jul-09 | |
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| US | 2012-Jan-13 | 61/586140 | | | | | | |
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| US | 2012-Jan-19 | 61/588,537 | | | | | | |
| US | 2012-Jan-20 | 13/355,182 | 2013-Jul-25 | US 2013187572 | 2016-Aug-30 | 9,433,046 | 2034-Feb-26 | Yes |
| US | 2012-Jan-20 | 61/588,977 | | | | | | Yes |
| US | 2012-Feb-01 | 61/593378 | | | | | | |
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| US | 2012-Feb-01 | 13/983086 | 2013-Nov-28 | US 2013313983 | 2017-Jan-03 | 9538596 | 2033-Apr-23 | |
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| US | 2012-Feb-02 | 61/593919 | | | | | | |
| US | 2012-Feb-13 | 61/597858 | | | | | | Yes |
| US | 2012-Feb-17 | 61/600,330 | | | | | | |
| US | 2012-Feb-24 | 61/602710 | | | | | | |
| US | 2012-Feb-28 | 13/828,670 | | | 2015-Sep-22 | 9140430 | 2032-Aug-18 | |
| US | 2012-Feb-28 | 14/860,524 | | | 2016-Nov-15 | 9494283 | 2032-Feb-28 | |
| US | 2012-Feb-28 | 14/733,644 | | | 2016-Oct-04 | 9,458,983 | 2032-Feb-28 | |
| US | 2012-Feb-28 | 13/407,401 | | | 2015-Jun-09 | 9,052,086 | 2032-Aug-28 | |
| US | 2012-Feb-28 | 14/729,941 | | | 2016-Sep-06 | 9,435,510 | 2032-Feb-28 | |
| US | 2012-Feb-28 | 15/257,730 | | | 2017-Feb-21 | 9,574,746 | 2032-Feb-28 | |
| US | 2012-Feb-28 | 16/292,105 | | | 2021-May-18 | 11009214 | 2032-Jul-30 | |
| US | 2012-Feb-28 | 15/351,056 | | | 2018-Jun-26 | 10006606 | 2032-Apr-11 | |
| US | 2012-Feb-28 | 16/017,521 | | | 2019-Mar-05 | 10222027 | 2033-Mar-14 | |
| US | 2012-Mar-08 | 61/608286 | | | | | | Yes |
| US | 2012-Mar-09 | 61/608696 | | | | | | |
| US | 2012-Mar-12 | 13/417622 | 2012-Jul-05 | US 8816602 | 2014-Aug-26 | 8816602 | 2032-Mar-12 | |
| US | 2012-Mar-12 | 61/609506 | | | | | | Yes |
| US | 2012-Mar-12 | 14/004745 | 2013-Dec-26 | US 9313848 | 2016-Apr-12 | 9313848 | 2032-Aug-27 | |
| US | 2012-Mar-15 | 14/006358 | 2014-Feb-27 | US 8917020 | 2014-Dec-23 | 8917020 | 2032-Mar-15 | Yes |
| US | 2012-Mar-19 | 61/612562 | | | | | | |
| US | 2012-Mar-20 | 61/613121 | | | | | | |
| US | 2012-Mar-22 | 14/007402 | 2014-Jan-30 | US 2014029247 | 2017-Mar-07 | 9587815 | 2032-Aug-27 | |
| US | 2012-Mar-23 | 14/007718 | 2014-Jan-16 | US 2014015436 | 2016-Oct-25 | 9480116 | 2032-Nov-18 | |
| US | 2012-Mar-27 | 14/008580 | 2014-Jan-23 | US 9301354 | 2016-Mar-29 | 9301354 | 2032-Sep-15 | |
| US | 2012-Mar-27 | 61/615927 | | | | | | |
| US | 2012-Mar-28 | 14/007492 | 2014-Jan-16 | US 9313847 | 2016-Apr-12 | 9313847 | 2032-Mar-28 | Yes |
| US | 2012-Mar-28 | 14/009118 | 2014-Jan-16 | US 9258868 | 2016-Feb-09 | 9258868 | 2032-Sep-06 | Yes |
| US | 2012-Mar-29 | 61/617108 | | | | | | |
| US | 2012-Apr-02 | 61/619,018 | | | | | | |
| US | 2012-Apr-02 | 14/042751 | 2015-Apr-02 | US 2015092419 | 2020-May-12 | 10648623 | 2035-Feb-03 | |
| US | 2012-Apr-03 | 14/009865 | 2014-Jan-23 | US 2014021857 | 2024-Oct-29 | 12129415 | 2034-Mar-29 | |
| US | 2012-Apr-03 | 61/619518 | | | | | | Yes |
| US | 2012-Apr-05 | 61/620495 | | | | | | |
| US | 2012-Apr-06 | 61/621046 | | | | | | |
| US | 2012-Apr-17 | 14/114930 | 2014-Mar-20 | US 2014077247 | 2017-Sep-05 | 9755117 | 2032-Apr-17 | |
| US | 2012-May-03 | 61/641949 | | | | | | |
| US | 2012-May-03 | 13/463,107 | | | 2014-Sep-30 | 8845144 | 2033-Jan-02 | |
| US | 2012-May-04 | 14/556,949 | | | 2017-Aug-01 | 9719672 | 2032-Sep-05 | |
| US | 2012-May-04 | 13/464,077 | | | 2014-Dec-02 | 8899786 | 2032-Sep-05 | |
| US | 2012-May-08 | 61/643976 | | | | | | |
| US | 2012-May-09 | 61/644571 | | | | | | Yes |
| US | 2012-May-10 | 61/645102 | | | | | | Yes |
| US | 2012-May-11 | 14/117391 | 2015-Mar-05 | US 9301356 | 2016-Mar-29 | 9301356 | 2032-May-11 | Yes |
| US | 2012-May-11 | 61/645780 | | | | | | |
| US | 2012-May-14 | 14/117047 | 2018-Feb-01 | US-2018-0035503-A1 | 2019-May-21 | 10299331 | 2033-May-25 | |
| US | 2012-May-15 | 61/646934 | | | | | | Yes |
| US | 2012-May-17 | 13/473839 | | US 8587211 | 2013-Nov-19 | 8587211 | 2028-Mar-12 | Yes |
| US | 2012-May-29 | 61/652375 | | | | | | Yes |
| US | 2012-May-30 | 14/119683 | 2014-Apr-03 | US 9416939 | 2016-Aug-16 | 9416939 | 2033-Jan-17 | Yes |
| US | 2012-Jun-01 | 14/126527 | 2014-May-01 | US 9249962 | 2016-Feb-02 | 9249962 | 2032-Jun-01 | |

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| US | 2012-Jun-04 | 61/654991 | | | | | | Yes |
| US | 2012-Jun-05 | 13/488580 | | US 8581504 | 2013-Nov-12 | 8581504 | 2028-Dec-31 | |
| US | 2012-Jun-05 | 61/655548 | | | | | | |
| US | 2012-Jun-11 | 14/123415 | 2014-May-01 | US 9253847 | 2016-Feb-02 | 9253847 | 2032-Jun-11 | Yes |
| US | 2012-Jun-13 | 14/126084 | | US 9273832 | 2016-Mar-01 | 9273832 | 2032-Sep-11 | Yes |
| US | 2012-Jun-15 | 14/126097 | 2014-Aug-14 | US 2014226337 | 2017-Jan-10 | 9541240 | 2033-Jul-29 | Yes |
| US | 2012-Jun-27 | 61/664885 | | | | | | |
| US | 2012-Jun-27 | 61/664817 | | | | | | |
| US | 2012-Jun-27 | 61/665027 | | | | | | Yes |
| US | 2012-Jun-29 | 13/537301 | 2013-Jan-03 | US 8947016 | 2015-Feb-03 | 8947016 | 2032-Feb-02 | Yes |
| US | 2012-Jul-05 | 14/131923 | 2014-Jun-19 | US 2014168833 | 2018-Jun-12 | 9997909 | 2032-Jul-10 | |
| US | 2012-Jul-10 | 61/669891 | | | | | | Yes |
| US | 2012-Jul-11 | 61/670173 | | | | | | Yes |
| US | 2012-Jul-12 | 61/670682 | | | | | | |
| US | 2012-Jul-16 | 61/671940 | | | | | | |
| US | 2012-Jul-20 | 61/673814 | | | | | | Yes |
| US | 2012-Jul-20 | 61/673794 | | | | | | Yes |
| US | 2012-Jul-20 | 13/554,956 | | | 2015-Aug-18 | 9109774 | 2033-Feb-27 | |
| US | 2012-Jul-20 | 14/828,362 | | | 2017-Mar-28 | 9605830 | 2032-Aug-25 | |
| US | 2012-Jul-23 | 14/236108 | 2014-Jun-12 | US 2014160773 | 2017-Mar-07 | 9587816 | 2033-Apr-09 | Yes |
| US | 2012-Jul-24 | 14/234519 | 2014-Jun-26 | US 8957604 | 2015-Feb-17 | 8957604 | 2032-Jul-24 | |
| US | 2012-Jul-26 | 61/675,859 | | | | | | Yes |
| US | 2012-Jul-27 | 61/676460 | | | | | | Yes |
| US | 2012-Jul-30 | 15/868,834 | | | 2018-Dec-11 | 10151469 | 2032-Jul-30 | Yes |
| US | 2012-Jul-30 | 13/562,061 | | | 2014-Oct-07 | 8851711 | 2032-Sep-18 | Yes |
| US | 2012-Jul-30 | 14/967,146 | | | 2016-Nov-15 | 9494309 | 2032-Jul-30 | Yes |
| US | 2012-Jul-30 | 13/562,089 | | | 2016-Mar-22 | 9291317 | 2032-Sep-24 | Yes |
| US | 2012-Jul-30 | 13/562,025 | | | 2015-Dec-15 | 9212795 | 2034-Apr-14 | Yes |
| US | 2012-Jul-30 | 16/215,262 | | | 2020-Apr-07 | 10612763 | 2032-Jul-30 | Yes |
| US | 2012-Jul-30 | 15/349,547 | | | 2018-Jan-16 | 9869462 | 2032-Jul-30 | Yes |
| US | 2012-Jul-31 | 14/131462 | 2014-May-22 | US 2014140096 | 2017-Dec-19 | 9845921 | 2033-Oct-09 | Yes |
| US | 2012-Aug-01 | 13/563,789 | | | 2016-Feb-23 | 9270143 | 2034-Jul-19 | |
| US | 2012-Aug-02 | 14/237913 | 2014-Jul-24 | US 9357600 | 2016-May-31 | 9357600 | 2032-Dec-18 | |
| US | 2012-Aug-02 | 14/236969 | 2014-Aug-31 | US 9148924 | 2015-Sep-29 | 9148924 | 2032-Aug-02 | Yes |
| US | 2012-Aug-30 | 13/599,104 | | | 2015-Mar-31 | 8994296 | 2033-Mar-28 | |
| US | 2012-Aug-30 | 14/357626 | 2014-Sep-25 | US 9301347 | 2016-Mar-29 | 9301347 | 2032-Aug-30 | |
| US | 2012-Aug-31 | 61/695809 | | | | | | |
| US | 2012-Sep-11 | 14/344073 | 2014-Dec-25 | US 9182110 | 2015-Nov-10 | 9182110 | 2032-Sep-11 | Yes |
| US | 2012-Sep-11 | 14/239936 | 2014-Jul-24 | US 9345105 | 2016-May-17 | 9345105 | 2032-Sep-11 | Yes |
| US | 2012-Sep-12 | 61/699,965 | | | | | | |
| US | 2012-Sep-14 | 14/343566 | 2014-Aug-07 | US 9155150 | 2015-Oct-06 | 9155150 | 2032-Sep-14 | Yes |
| US | 2012-Sep-21 | 61/704026 | | | | | | Yes |
| US | 2012-Sep-26 | 61/705655 | | | | | | |
| US | 2012-Oct-05 | 14/346808 | 2014-Aug-21 | US 2014232299 | 2018-Jul-24 | 10034340 | 2033-Apr-21 | |
| US | 2012-Oct-12 | 14/350443 | 2014-Sep-11 | US 2014252992 | 2017-Jun-06 | 9674904 | 2032-Oct-12 | |
| US | 2012-Oct-15 | 13/651777 | 2013-Feb-14 | US 8672519 | 2014-Mar-18 | 8672519 | 2032-Oct-15 | |
| US | 2012-Oct-19 | 14/352034 | 2014-Sep-11 | US 8946978 | 2015-Feb-03 | 8946978 | 2032-Oct-19 | |
| US | 2012-Oct-26 | 61/718824 | | | | | | Yes |
| US | 2012-Nov-01 | 61/721,284 | | | | | | Yes |
| US | 2012-Nov-07 | 61/723,587 | | | | | | |
| US | 2012-Nov-09 | 13/673879 | | US 8912734 | 2014-Dec-16 | 8912734 | 2032-Nov-09 | |
| US | 2012-Nov-15 | 61/726624 | | | | | | |
| US | 2012-Nov-16 | 14359249 | 2014-Oct-30 | US 2014321115 | 2017-Jan-24 | 9551466 | 2032-Dec-22 | |
| US | 2012-Nov-29 | 13/689,155 | 2013-May-30 | US 2013134895 | 2014-Nov-04 | 8,878,449 | 2032-Dec-22 | Yes |
| US | 2012-Dec-04 | 14/365127 | 2014-Oct-23 | US 2014316742 | 2019-Apr-09 | 10254521 | 2035-Mar-30 | Yes |
| US | 2012-Dec-05 | 61/733476 | | | | | | Yes |
| US | 2012-Dec-10 | 14/367953 | 2014-Nov-27 | US 2014347856 | 2017-Nov-07 | 9810380 | 2033-Mar-22 | Yes |
| US | 2012-Dec-11 | 14/365133 | | US 9380658 | 2016-Jun-28 | 9380658 | 2032-Dec-11 | |
| US | 2012-Dec-13 | 15/492,342 | 2014-Nov-13 | 2014/0334149 | 2020-Jan-21 | 10539310 | 2032-Dec-13 | Yes |
| US | 2012-Dec-13 | 16/741,802 | | | 2023-Mar-07 | 11598507 | 2033-Dec-31 | Yes |
| US | 2012-Dec-13 | 14/364,803 | 2014-Nov-13 | 2014/0334149 | 2017-May-23 | 9,657,930 | 2033-Feb-25 | Yes |
| US | 2012-Dec-18 | US20120738861P | | | | | | Yes |
| US | 2012-Dec-26 | 13/726793 | 2013-May-09 | US 8807765 | 2014-Aug-19 | 8807765 | 2032-Dec-26 | |
| US | 2013-Jan-02 | 14/370607 | 2014-Dec-25 | US 8975820 | 2015-Mar-10 | 8975820 | 2033-Jan-02 | |
| US | 2013-Jan-02 | 14/350829 | 2014-Nov-13 | US 9072142 | 2015-Jun-30 | 9072142 | 2033-Jan-02 | |
| US | 2013-Jan-02 | 14/370564 | 2014-Nov-06 | US 9380659 | 2016-Jun-28 | 9380659 | 2033-Jan-02 | |
| US | 2013-Jan-04 | 14/370591 | | US 9350243 | 2016-May-24 | 9350243 | 2033-Jan-04 | Yes |
| US | 2013-Jan-08 | 61/749966 | | | | | | Yes |
| US | 2013-Jan-10 | 14/371867 | 2015-Jan-01 | US 9279547 | 2016-Mar-08 | 9279547 | 2033-Jan-10 | |
| US | 2013-Jan-15 | 14/375245 | 2015-Jan-22 | US 9198250 | 2015-Nov-24 | 9198250 | 2033-Jan-15 | |
| US | 2013-Jan-18 | 14/375180 | 2015-Jan-01 | US 2015002040 | 2017-Aug-22 | 9743467 | 2033-Jan-18 | |
| US | 2013-Jan-22 | 15/463,667 | | | 2019-Jan-29 | 10190754 | 2033-May-30 | |
| US | 2013-Jan-22 | 13/746,835 | | | 2017-Mar-21 | 9599315 | 2033-Aug-14 | |
| US | 2013-Jan-22 | 14/736,996 | | | 2017-Aug-15 | 9732947 | 2033-Jan-22 | |

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| US | 2013-Jan-22 | 13/746,649 | | | 2015-Jun-23 | 9062866 | 2033-May-24 | |
| US | 2013-Jan-22 | 13/746,643 | | | 2015-Nov-17 | 9188294 | 2034-Jan-02 | Yes |
| US | 2013-Jan-22 | 13/746,817 | | | 2015-Aug-18 | 9109783 | 2033-Jun-30 | |
| US | 2013-Jan-25 | 14/372846 | 2014-Dec-04 | US 9326344 | 2016-Apr-26 | 9326344 | 2033-Jan-25 | |
| US | 2013-Jan-25 | 14/375225 | 2015-Jan-22 | US 2015221007 | 2017-Jan-10 | 9544966 | 2033-Jan-25 | |
| US | 2013-Jan-29 | 61/757785 | | | | | | Yes |
| US | 2013-Jan-30 | 14/375913 | 2015-Jan-22 | US 2015022123 | 2016-Oct-25 | 9480130 | 2033-Apr-01 | Yes |
| US | 2013-Feb-04 | 13/757919 | 2014-Jul-10 | US 9429279 | 2016-Aug-30 | 9429279 | 2033-Feb-04 | |
| US | 2013-Feb-08 | 14/376253 | 2015-Jan-29 | US 9282605 | 2016-Mar-08 | 9282605 | 2033-Feb-08 | |
| US | 2013-Feb-19 | 61/766265 | | | | | | Yes |
| US | 2013-Feb-22 | 14/377197 | | | 2016-Dec-20 | 9526133 | 2033-Apr-07 | |
| US | 2013-Feb-22 | 14/384047 | 2015-Mar-12 | US 2015069925 | 2017-May-16 | 9655176 | 2033-Jun-05 | |
| US | 2013-Mar-04 | 14/383680 | 2015-Jan-15 | US 2015015165 | 2017-Nov-14 | 9820359 | 2033-Apr-18 | Yes |
| US | 2013-Mar-07 | 14/388437 | | US 9210750 | 2015-Dec-08 | 9210750 | 2033-Mar-07 | |
| US | 2013-Mar-07 | 13/788,827 | | | 2015-Aug-18 | 9110216 | 2033-Jul-26 | |
| US | 2013-Mar-07 | 14/815,288 | | | 2018-Aug-07 | 10042113 | 2033-Jun-09 | |
| US | 2013-Mar-07 | 16/056,299 | | | 2019-Nov-12 | 10473850 | 2033-Mar-07 | |
| US | 2013-Mar-08 | 14/385776 | | US 9326340 | 2016-Apr-26 | 9326340 | 2033-Mar-08 | |
| US | 2013-Mar-11 | 14/385781 | 2015-Jan-29 | US 2015029713 | 2018-Aug-21 | 10054272 | 2035-Apr-16 | |
| US | 2013-Mar-11 | 61/776,094 | | | | | | Yes |
| US | 2013-Mar-12 | 14/603,834 | | | 2019-Jun-04 | 10309632 | 2033-May-18 | |
| US | 2013-Mar-12 | 13/795,631 | | | 2015-Nov-17 | 9188318 | 2033-May-18 | |
| US | 2013-Mar-12 | 16/430,066 | | | 2022-Mar-22 | 11280459 | 2033-Aug-01 | |
| US | 2013-Mar-13 | 14/037001 | 2015-Jan-13 | US 8933648 | 2015-Jan-13 | 8933648 | 2033-Mar-13 | Yes |
| US | 2013-Mar-14 | 61/782,305 | | | | | | Yes |
| US | 2013-Mar-14 | 13/829231 | | US 9520794 | 2016-Dec-13 | 9520794 | 2034-Aug-07 | Yes |
| US | 2013-Mar-15 | 13/833587 | | US 9184666 | 2015-Nov-10 | 9184666 | 2034-Mar-01 | |
| US | 2013-Mar-18 | 61/802916 | | | | | | Yes |
| US | 2013-Mar-20 | 14/387260 | | US 9445465 | 2016-Sep-13 | 9445465 | 2033-Jun-09 | |
| US | 2013-Mar-22 | 13/849,140 | | | 2014-Aug-05 | 8794803 | 2031-May-13 | |
| US | 2013-Mar-27 | 14/390072 | | US 9288879 | 2016-Mar-15 | 9288879 | 2033-Mar-27 | Yes |
| US | 2013-Apr-01 | 16/011,097 | | | 2019-May-28 | 10302287 | 2033-Apr-01 | |
| US | 2013-Apr-01 | 14/607,751 | | | 2016-Nov-15 | 9494306 | 2033-Apr-01 | |
| US | 2013-Apr-01 | 16/422,681 | | | 2020-May-26 | 10663151 | 2033-Apr-01 | |
| US | 2013-Apr-01 | 15/267,961 | | | 2018-Jun-19 | 10001265 | 2033-Apr-01 | |
| US | 2013-Apr-01 | 13/854,290 | | | 2015-Feb-24 | 8960971 | 2033-Sep-12 | |
| US | 2013-Apr-04 | 14/390439 | | | 2018-Oct-02 | 10090442 | 2033-Apr-04 | |
| US | 2013-Apr-05 | 61/809,167 | | | | | | |
| US | 2013-Apr-16 | 14/395532 | | | 2016-Oct-25 | 9476580 | 2033-May-05 | |
| US | 2013-Apr-26 | 14/394763 | | | 2018-May-22 | 9980334 | 2033-Apr-26 | |
| US | 2013-May-02 | 13/886,262 | 2014-Nov-06 | US 2014328066 | 2015-May-12 | 9,028,105 | 2033-May-10 | Yes |
| US | 2013-May-02 | 14/708,293 | 2015-Aug-27 | US 2015241000 | 2017-Jul-25 | 9,714,743 | 2033-May-02 | Yes |
| US | 2013-May-02 | 15/656,180 | 2018-May-10 | US 2018128427 | 2019-Feb-19 | 10,208,919 | 2033-May-02 | Yes |
| US | 2013-May-02 | 14/100,180 | 2014-Nov-06 | US 2014328065 | 2016-Jan-26 | 9,243,757 | 2033-May-02 | Yes |
| US | 2013-May-06 | 14/400088 | 2015-Apr-23 | US 2015108919 | 2016-Nov-22 | 9504115 | 2033-May-06 | Yes |
| US | 2013-May-07 | 13/888414 | 2013-Sep-19 | US 8922134 | 2014-Dec-30 | 8922134 | 2033-May-07 | Yes |
| US | 2013-May-08 | 14/399769 | | US 9313852 | 2016-Apr-12 | 9313852 | 2033-May-08 | Yes |
| US | 2013-May-21 | 14/405554 | 2015-Jun-18 | US 2015167930 | 2017-May-02 | 9638397 | 2033-May-29 | Yes |
| US | 2013-May-22 | 14/405174 | 2015-Jun-04 | US 2015156884 | 2019-Jul-23 | 10362679 | 2033-May-22 | Yes |
| US | 2013-May-22 | 14/403631 | 2015-Jun-11 | US 2015159813 | 2017-May-09 | 9644798 | 2033-Sep-25 | |
| US | 2013-May-28 | 14/402552 | 2015-Apr-23 | US 9253855 | 2016-Feb-02 | 9253855 | 2033-May-28 | Yes |
| US | 2013-Jun-05 | 61/831,300 | | | | | | Yes |
| US | 2013-Jun-10 | 61/833,139 | | | | | | |
| US | 2013-Jun-17 | 14/409143 | | US 9450481 | 2016-Sep-20 | 9450481 | 2033-Jun-17 | |
| US | 2013-Jun-18 | 14/409171 | 2015-May-28 | US 9370079 | 2016-Jun-14 | 9370079 | 2033-Jun-18 | Yes |
| US | 2013-Jun-26 | 14/409105 | | US 9426861 | 2016-Aug-23 | 9426861 | 2033-Jun-26 | |
| US | 2013-Jul-03 | 13/934761 | 2014-Dec-18 | US 9119268 | 2015-Aug-25 | 9119268 | 2033-Jul-03 | |
| US | 2013-Jul-04 | 14/415678 | | | 2017-Oct-24 | 9801244 | 2033-Jul-04 | Yes |
| US | 2013-Jul-08 | 14/413767 | | | 2019-Oct-22 | 10448579 | 2033-Jul-08 | Yes |
| US | 2013-Jul-09 | 14/413368 | | US 9398668 | 2016-Jul-19 | 9398668 | 2033-Jul-09 | Yes |
| US | 2013-Jul-10 | 14/413013 | | US 9383069 | 2016-Jul-05 | 9383069 | 2033-Jul-10 | |
| US | 2013-Jul-12 | 14/415821 | 2015-Jun-18 | US 9313861 | 2016-Apr-12 | 9313861 | 2033-Jul-12 | Yes |
| US | 2013-Jul-12 | 14415436 | | | 2017-Mar-21 | 9603216 | 2033-Jul-12 | |
| US | 2013-Jul-12 | 15/091749 | 2016-Jul-28 | US 2016219681 | 2017-Sep-26 | 9775220 | 2033-Jul-12 | Yes |
| US | 2013-Jul-15 | 14/417203 | | US 9345099 | 2016-May-17 | 9345099 | 2033-Jul-15 | Yes |
| US | 2013-Jul-15 | 13/942220 | | US 8742684 | 2014-Jun-03 | 8742684 | 2028-Dec-19 | Yes |
| US | 2013-Jul-19 | 61/856,552 | | | | | | Yes |
| US | 2013-Aug-19 | 13/969,613 | 2015-Feb-19 | US 2015049490 | 2015-May-19 | 9,033,545 | 2033-Aug-19 | Yes |
| US | 2013-Aug-19 | 14/859,368 | 2016-Jan-14 | US 2016010804 | 2017-Jan-24 | 9,551,463 | 2033-Aug-19 | Yes |
| US | 2013-Aug-19 | 61/867326 | | | | | | |
| US | 2013-Aug-21 | 13/972102 | 2016-Feb-16 | US 9263964 | 2016-Feb-16 | 9,263,964 | 2034-May-19 | Yes |
| US | 2013-Aug-26 | 14/010087 | 2013-Dec-26 | US 9000680 | 2015-Apr-07 | 9000680 | 2033-Aug-26 | |
| US | 2013-Aug-27 | 15/901,625 | | | 2019-Oct-15 | 10443829 | 2033-Aug-27 | |
| US | 2013-Aug-27 | 15/186,122 | | | 2018-Mar-13 | 9915417 | 2033-Aug-27 | |

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| US | 2013-Aug-27 | 61/870593 | | | | | | Yes |
| US | 2013-Aug-27 | 16/588,665 | | | 2020-Oct-06 | 10794579 | 2033-Aug-27 | |
| US | 2013-Aug-27 | 14/011,446 | | | 2016-Jun-21 | 9374869 | 2034-Aug-20 | |
| US | 2013-Aug-28 | 14/429577 | | | 2017-May-23 | 9661722 | 2033-Sep-13 | Yes |
| US | 2013-Sep-03 | 61/872,250 | | | | | | Yes |
| US | 2013-Sep-09 | US20130875193P | | | | | | Yes |
| US | 2013-Sep-09 | 14/021101 | 2014-Jan-02 | US 9113508 | 2015-Aug-18 | 9113508 | 2033-Sep-09 | Yes |
| US | 2013-Sep-17 | 14/428648 | | | 2018-Feb-13 | 9890942 | 2034-Jan-17 | |
| US | 2013-Sep-24 | 14/428652 | | US 9351357 | 2016-May-24 | 9351357 | 2033-Sep-24 | |
| US | 2013-Sep-30 | 61/884361 | | | | | | Yes |
| US | 2013-Oct-04 | 14/847,819 | 2015-Dec-31 | US 2015377466 | 2016-Oct-11 | 9,468,052 | 2033-Oct-04 | Yes |
| US | 2013-Oct-04 | 14/530,042 | 2015-Feb-26 | US 2015054406 | 2015-Oct-06 | 9,155,145 | 2033-Oct-04 | Yes |
| US | 2013-Oct-04 | 14/046,459 | 2015-Jan-22 | US 2015021629 | 2015-Jan-27 | 8,941,129 | 2033-Oct-04 | Yes |
| US | 2013-Oct-15 | 61/891,284 | | | | | | |
| US | 2013-Oct-17 | 15/477,514 | 2017-Jul-20 | US-2017-0205045-A1 | 2019-Jul-30 | 10364959 | 2033-Jul-20 | Yes |
| US | 2013-Oct-17 | 14/438643 | | | 2017-Jun-27 | 9689555 | 2033-Nov-21 | Yes |
| US | 2013-Oct-22 | 14/439,253 | 2015-Oct-15 | US20150295144 | 2017-Feb-07 | 9564557 | 2033-Dec-29 | Yes |
| US | 2013-Oct-24 | 15/136,926 | 2016-Sep-01 | US 2016255690 | 2017-Aug-08 | 9,730,284 | 2033-Oct-24 | Yes |
| US | 2013-Oct-24 | 14/614,361 | 2015-May-28 | US 2015145415 | 2016-May-24 | 9,351,358 | 2033-Oct-24 | Yes |
| US | 2013-Oct-24 | 14/062,079 | 2015-Jan-22 | US 2015022101 | 2015-Mar-10 | 8,975,821 | 2033-Oct-24 | Yes |
| US | 2013-Oct-25 | 14/063583 | 2014-Feb-20 | US 9253849 | 2016-Feb-02 | 9253849 | 2033-Oct-25 | |
| US | 2013-Nov-14 | 61/904095 | | | | | | Yes |
| US | 2013-Nov-20 | 14/085,509 | | | 2015-Dec-01 | 9200765 | 2034-Feb-01 | |
| US | 2013-Dec-02 | 14/651733 | | US 9351367 | 2016-May-24 | 9351367 | 2033-Dec-02 | |
| US | 2013-Dec-05 | 14/649244 | | | 2018-Jun-26 | 10006608 | 2034-Apr-02 | |
| US | 2013-Dec-05 | 14/649356 | 2016-Oct-20 | US 2016305615 | 2018-Feb-13 | 9890928 | 2034-Jul-13 | Yes |
| US | 2013-Dec-18 | 14/133,178 | | | 2016-Jan-12 | 9237613 | 2033-Dec-18 | Yes |
| US | 2014-Jan-03 | 14/759799 | | | 2016-Nov-08 | 9491834 | 2034-Jan-03 | Yes |
| US | 2014-Jan-08 | 61/924745 | | | | | | Yes |
| US | 2014-Jan-15 | 14/155642 | 2014-May-08 | US 8823274 | 2014-Sep-02 | 8823274 | 2034-Jan-15 | |
| US | 2014-Jan-29 | 14/764284 | | | 2019-Mar-26 | 10240749 | 2034-Jan-29 | Yes |
| US | 2014-Jan-30 | 14/168,452 | 2015-Jan-22 | US 2015022088 | 2016-Jan-26 | 9,247,594 | 2034-Sep-22 | Yes |
| US | 2014-Feb-11 | 61/938,267 | | | | | | Yes |
| US | 2014-Feb-17 | 14/767736 | | | 2019-Feb-19 | 10208938 | 2034-Aug-12 | Yes |
| US | 2014-Feb-28 | 61/946178 | | | | | | |
| US | 2014-Mar-05 | 14/772571 | 2016-Feb-04 | US 2016033099 | 2017-Nov-21 | 9822940 | 2034-Aug-12 | |
| US | 2014-Mar-11 | 14/203755 | | US 9225252 | 2015-Dec-29 | 9225252 | 2034-Mar-11 | Yes |
| US | 2014-Mar-12 | 14/777907 | 2016-Sep-29 | US 2016286629 | 2018-Feb-27 | 9907147 | 2034-Mar-12 | Yes |
| US | 2014-Mar-12 | 14/779816 | | | 2017-May-16 | 9651730 | 2034-Mar-12 | |
| US | 2014-Mar-24 | 61/969517 | | | | | | Yes |
| US | 2014-Apr-01 | 14/740,964 | 2015-Oct-01 | 2015-0276195 | 2018-Jun-26 | 10006618 | 2034-Nov-16 | |
| US | 2014-Apr-01 | 14/879,695 | | | 2018-Jun-19 | 10001270 | 2034-Dec-06 | |
| US | 2014-Apr-01 | 14/740,975 | | | 2016-Nov-15 | 9494307 | 2034-Apr-06 | |
| US | 2014-Apr-01 | 14/242,381 | 2014-Oct-09 | 2014-0301092 | 2015-Jun-30 | 9068722 | 2034-Apr-01 | |
| US | 2014-Apr-01 | 14/242,552 | | | 2017-Apr-18 | 9625109 | 2034-Nov-15 | |
| US | 2014-Apr-01 | 14/804,062 | | | 2019-Sep-10 | 10408436 | 2036-May-18 | |
| US | 2014-Apr-01 | 14/242,535 | 2015-Apr-16 | 2015-0103536 | 2015-Jul-21 | 9086198 | 2034-Apr-01 | |
| US | 2014-Apr-01 | 15/488,609 | | | 2019-Jan-08 | 10174916 | 2034-Apr-01 | |
| US | 2014-Apr-01 | 14/242,396 | | | 2015-Jun-23 | 9062837 | 2034-Apr-01 | |
| US | 2014-Apr-01 | 16/008,503 | 2015-Oct-01 | 2015-0276195 | 2020-Jun-16 | 10684003 | 2034-Apr-22 | |
| US | 2014-Apr-01 | 16/170,769 | 2017-Jan-12 | 2017-0009965 | 2020-Jun-16 | 10683994 | 2034-Apr-01 | |
| US | 2014-Apr-02 | 14/782483 | 2016-Mar-10 | US 2016073474 | 2017-Nov-07 | 9814123 | 2034-Jun-07 | |
| US | 2014-Apr-21 | 14/786738 | 2016-Mar-17 | US 2016076754 | 2017-Oct-17 | 9791141 | 2034-Apr-21 | Yes |
| US | 2014-Apr-21 | 14/786695 | 2016-Mar-10 | US 2016072176 | 2017-Jan-31 | 9559407 | 2034-Apr-21 | Yes |
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| US | 2014-Apr-30 | 14/888789 | 2016-Mar-24 | US 2016088721 | 2018-Jan-16 | 9872381 | 2034-Sep-19 | Yes |
| US | 2014-Apr-30 | 14/266003 | | | 2017-Apr-25 | 9635723 | 2034-Apr-30 | Yes |
| US | 2014-May-12 | US20140991905P | | | | | | Yes |
| US | 2014-May-12 | 14/274931 | | | 2017-May-23 | 9660547 | 2035-Apr-07 | |
| US | 2014-May-14 | 61/992961 | | | | | | Yes |
| US | 2014-May-20 | 62/000565 | | | | | | Yes |
| US | 2014-Jun-02 | 62/006,479 | | | | | | |
| US | 2014-Jun-04 | 14/895183 | | | 2016-Nov-01 | 9485828 | 2034-Jun-04 | |
| US | 2014-Jun-05 | 14/897203 | | | 2017-Mar-21 | 9603222 | 2034-Jun-05 | Yes |
| US | 2014-Jun-16 | 15/598,924 | 2017-Sep-07 | US-2017-0257926-A1 | 2018-Oct-02 | 10091858 | 2034-Jun-16 | Yes |
| US | 2014-Jun-16 | 14/895555 | 2016-Apr-21 | US 2016113091 | 2017-Oct-24 | 9801252 | 2034-Jun-16 | Yes |
| US | 2014-Jun-27 | 14/902919 | | | 2018-Mar-27 | 9930166 | 2034-Jun-27 | Yes |
| US | 2014-Jul-01 | 62/019,802 | | | | | | Yes |
| US | 2014-Jul-03 | 14/906,337 | | US 9445483 | 2016-Sep-13 | 9445483 | 2034-Jul-03 | Yes |
| US | 2014-Jul-16 | 14/905180 | 2016-Jun-02 | US 2016157304 | 2017-Jan-24 | 9554436 | 2034-Jul-16 | Yes |
| US | 2014-Jul-18 | 14/904,873 | | | 2016-Nov-22 | 9500327 | 2034-Jul-18 | Yes |
| US | 2014-Jul-23 | 14/902750 | 2016-Jun-16 | US 2016174308 | 2017-Aug-22 | 9743466 | 2034-Jul-23 | |
| US | 2014-Aug-14 | 14/907061 | | | 2017-Jun-06 | 9671101 | 2034-Aug-14 | Yes |
| US | 2014-Aug-14 | 14/908023 | 2016-Jun-30 | US 2016186982 | 2017-May-23 | 9657934 | 2034-Aug-14 | Yes |

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| US | 2014-Aug-18 | 14/903389 | 2016-Jun-16 | US 2016174326 | 2016-Oct-25 | 9480123 | 2034-Aug-18 | Yes |
| US | 2014-Aug-18 | 14/913137 | 2016-Jul-21 | US 2016212807 | 2018-Feb-20 | 9900939 | 2034-Aug-18 | Yes |
| US | 2014-Aug-19 | 14/906404 | | | 2017-Feb-07 | 9565744 | 2034-Aug-19 | |
| US | 2014-Aug-22 | 14/910,636 | 2016-Jul-07 | US 2016198548 | 2017-May-16 | 9655207 | 2034-Aug-22 | Yes |
| US | 2014-Aug-27 | 14/907994 | 2016-Jun-16 | US 2016174329 | 2019-Jun-04 | US 10314135 | 2034-Aug-27 | |
| US | 2014-Aug-28 | 62/042,836 | | | | | | Yes |
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| US | 2014-Sep-03 | 14/476,716 | | | 2017-Sep-05 | 9756703 | 2035-Nov-16 | Yes |
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| US | 2014-Oct-08 | 15/028143 | 2016-Aug-25 | US 2016243379 | 2021-Mar-16 | 10946211 | 2036-Aug-01 | Yes |
| US | 2014-Oct-14 | 15/029722 | 2016-Aug-11 | US 2016234902 | 2017-May-09 | 9648689 | 2034-Oct-14 | |
| US | 2014-Oct-24 | 15/034562 | 2017-Jul-06 | US-2017-0196053-A1 | 2018-Feb-13 | 9894722 | 2034-Oct-24 | |
| US | 2014-Oct-28 | 15/505,875 | 2017-Aug-24 | US 20170245336 | 2018-Nov-13 | 10,129,943 | 2034-Oct-28 | |
| US | 2014-Nov-04 | 15/030579 | 2016-Sep-15 | US 2016270161 | 2016-Dec-06 | 9516720 | 2034-Nov-04 | Yes |
| US | 2014-Nov-12 | 15/038131 | 2016-Sep-29 | US 2016286621 | 2018-Jun-26 | 10009975 | 2034-Nov-12 | |
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| US | 2014-Dec-05 | 15/038586 | 2016-Oct-13 | US 2016302272 | 2018-Apr-17 | 9949325 | 2034-Dec-05 | Yes |
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| US | 2014-Dec-29 | 15/110399 | 2016-Nov-17 | US 2016338158 | 2017-Dec-05 | 9839080 | 2034-Dec-29 | Yes |
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| US | 2015-Jan-15 | 15115407 | 2017-Jan-12 | US 2017006848 | 2019-Apr-09 | 10251384 | 2035-Jul-26 | Yes |
| US | 2015-Jan-21 | 15/114,397 | 2016-Nov-24 | US 2016345413 | 2018-Dec-18 | 10159138 | 2035-Jan-21 | Yes |
| US | 2015-Jan-23 | 14/604065 | | US 9433051 | 2016-Aug-30 | 9433051 | 2035-Jan-23 | |
| US | 2015-Jan-26 | 15114200 | 2017-Jan-05 | US 2017002985 | 2018-Jun-12 | 9995437 | 2035-Jan-26 | Yes |
| US | 2015-Jan-27 | 14/906940 | 2016-Nov-24 | US 9551471 | 2017-Jan-24 | 9551471 | 2035-Jan-27 | Yes |
| US | 2015-Jan-27 | 15/118668 | 2017-Feb-16 | US 2017048934 | 2017-Sep-26 | 9775200 | 2035-Jan-27 | |
| US | 2015-Jan-30 | 15/114,393 | 2016-Nov-24 | US 2016345414 | 2018-Jul-31 | 10039172 | 2035-Jan-30 | Yes |
| US | 2015-Feb-03 | 15116519 | 2016-Dec-08 | US 2016356473 | 2017-Oct-17 | 9791139 | 2035-Feb-03 | |
| US | 2015-Feb-09 | 15/119900 | 2017-Mar-02 | US 2017064169 | 2019-Oct-29 | 10462340 | 2035-Mar-11 | Yes |
| US | 2015-Feb-11 | 16/117,472 | 2019-Jan-10 | US 2019014636 | 2019-Nov-19 | 10485072 | 2035-Feb-11 | Yes |
| US | 2015-Feb-11 | 15/005,104 | 2016-Jul-21 | US 2016212817 | 2018-Oct-02 | 10,091,857 | 2035-Feb-11 | Yes |
| US | 2015-Feb-11 | 14/619,163 | 2015-Aug-13 | US 2015230309 | 2016-Jan-26 | 9,247,603 | 2035-Feb-11 | Yes |
| US | 2015-Feb-13 | 15/122201 | 2016-Dec-22 | US 2016374176 | 2017-Oct-10 | 9788394 | 2035-Feb-13 | Yes |
| US | 2015-Feb-16 | 15/122248 | 2016-Dec-22 | US 2016374179 | 2017-Sep-19 | 9769906 | 2035-Feb-16 | |
| US | 2015-Feb-23 | 15117565 | 2016-Dec-15 | US 2016366745 | 2019-Jun-25 | 10334686 | 2035-Feb-23 | |
| US | 2015-Mar-05 | 14/908841 | 2016-Dec-29 | US 2016377248 | 2018-Jan-02 | 9857039 | 2035-Mar-05 | Yes |
| US | 2015-Mar-06 | 62/129,584 | | | | | | Yes |
| US | 2015-Mar-06 | 62/129,589 | | | | | | Yes |
| US | 2015-Mar-11 | 14/908216 | 2016-Dec-29 | US 2016377272 | 2019-Aug-20 | 10386051 | 2035-Mar-11 | Yes |
| US | 2015-Mar-12 | 15/129183 | 2018-Jan-04 | US2018-0007766-A1 | 2019-Jan-15 | 10182488 | 2035-Mar-12 | Yes |
| US | 2015-Mar-12 | 16/214499 | 2019-Apr-18 | US 20190116651A1 | 2020-May-12 | 10652970 | 2035-Mar-12 | Yes |
| US | 2015-Mar-13 | 15/124415 | 2017-Jan-19 | US 2017016584 | 2019-Mar-12 | 10228097 | 2035-Mar-13 | |
| US | 2015-Mar-17 | 15/127326 | 2017-May-25 | 2017-0150571 A1 | 2018-Jul-31 | 10039170 | 2035-Mar-17 | Yes |
| US | 2015-Mar-30 | 14/672721 | 2016-Apr-28 | US 2016119987 | 2020-Aug-25 | 10757785 | 2037-Jun-07 | Yes |
| US | 2015-Apr-01 | 14/676,449 | 2015-Jul-23 | US 9426866 | 2016-Aug-23 | 9426866 | 2035-Apr-01 | |
| US | 2015-Apr-09 | US20150145050P | | | | | | Yes |
| US | 2015-Apr-09 | US20150145062P | | | | | | Yes |
| US | 2015-Apr-09 | US20150145266P | | | | | | Yes |
| US | 2015-Apr-09 | 14/682,811 | | | 2017-Dec-05 | 9835322 | 2036-Jun-13 | Yes |
| US | 2015-Apr-28 | 15/311174 | 2017-Mar-16 | US-2017-0079111-A1 | 2018-Jun-12 | 9999108 | 2035-Apr-28 | Yes |
| US | 2015-Apr-29 | 16/259,977 | | | 2020-Jun-09 | 10677426 | 2035-Apr-29 | |
| US | 2015-Apr-29 | 14/699,915 | | | 2017-Dec-05 | 9835314 | 2036-Jan-22 | |
| US | 2015-Apr-29 | 15/820,126 | | | 2019-Jan-29 | 10190752 | 2035-Apr-29 | |
| US | 2015-Apr-30 | 14/701,138 | | | 2017-Jun-20 | 9683717 | 2035-Dec-30 | Yes |
| US | 2015-May-01 | 14/702,555 | | | 2017-Oct-31 | 9803836 | 2036-Jan-07 | |
| US | 2015-May-06 | US20150157761P | | | | | | Yes |
| US | 2015-May-21 | 14/718254 | 2016-Mar-31 | US 2016095192 | 2017-Apr-04 | 9615434 | 2035-May-21 | Yes |
| US | 2015-May-27 | 15/317008 | 2017-Apr-13 | 2017-0105273 A1 | 2018-Oct-02 | 10091864 | 2035-May-27 | Yes |
| US | 2015-May-28 | 14/724,339 | | | 2017-May-16 | 9651238 | 2035-May-28 | |
| US | 2015-May-28 | 15/595,550 | | | 2018-Feb-13 | 9890943 | 2035-May-28 | |
| US | 2015-Jun-01 | 16587281 | 2020-Jan-23 | US-2020-0025362-A1 | 2020-Oct-27 | 10816184 | 2035-Jun-01 | |
| US | 2015-Jun-01 | 15/323443 | 2017-May-18 | 2017-0138580 A1 | 2019-Oct-29 | 10458639 | 2035-Jun-01 | |
| US | 2015-Jun-02 | 15/315819 | 2017-Apr-27 | 2017-0114984-A1 | 2019-Oct-29 | 10458624 | 2035-Jun-02 | Yes |
| US | 2015-Jun-08 | 15/320067 | 2017-Jun-08 | 2017-0164438 A1 | 2019-Mar-05 | 10225898 | 2035-Jun-08 | |
| US | 2015-Jun-19 | 15/322218 | 2017-May-18 | 2017-0142811 A1 | 2018-May-22 | 9980353 | 2035-Jun-19 | |
| US | 2015-Jun-24 | 15/322667 | 2017-May-18 | 2017-0141619 A1 | 2018-Nov-27 | 10141792 | 2036-Jan-04 | |
| US | 2015-Jul-01 | 14/788,837 | | | 2017-Jan-10 | 9541261 | 2035-Jul-22 | Yes |
| US | 2015-Jul-02 | 15/322931 | 2017-May-18 | 2017-0142812 A1 | 2018-May-08 | 9967958 | 2035-Jul-02 | Yes |
| US | 2015-Jul-06 | 15/324367 | 2017-Jun-29 | US-2017-0184294-A1 | 2022-Aug-23 | 11421868 | 2035-Sep-06 | Yes |
| US | 2015-Jul-06 | 17/866337 | 2022-Nov-03 | US-2022-0349565-A1 | | | | Yes |

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| US | 2015-Jul-08 | 15/326745 | 2017-Jul-20 | US-2017-0208666-A1 | 2018-Dec-11 | 10154568 | 2035-Jul-08 | Yes |
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| US | 2015-Jul-20 | 16/551,487 | | | 2020-Jan-28 | 10544924 | 2035-Jul-20 | |
| US | 2015-Jul-24 | 62/196,731 | | | | | | Yes |
| US | 2015-Jul-24 | 14/807921 | | | 2017-Jul-18 | 9709222 | 2035-Aug-25 | Yes |
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| US | 2015-Aug-27 | 16/436,421 | | | 2020-Oct-27 | 10816179 | 2035-Aug-27 | Yes |
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| US | 2015-Sep-21 | 14/860235 | | US 9497832 | 2016-Nov-15 | 9497832 | 2035-Sep-21 | Yes |
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| US | 2015-Oct-07 | US20150238440P | | | | | | Yes |
| US | 2015-Oct-07 | US20150238427P | | | | | | Yes |
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| US | 2015-Nov-23 | 14/948445 | 2016-Mar-17 | US 2016077599 | 2019-Apr-23 | 10271408 | 2027-May-21 | |
| US | 2015-Nov-30 | 14/953,989 | | | 2017-Apr-18 | 9629209 | 2035-Nov-30 | Yes |
| US | 2015-Dec-03 | 15/505,877 | 2018-Sep-27 | US 2018279452 | 2019-Jun-11 | 10,321,546 | 2035-Dec-03 | Yes |
| US | 2015-Dec-11 | 14/966607 | 2016-Apr-07 | US 2016100472 | 2017-Apr-25 | 9635730 | 2035-Dec-11 | Yes |
| US | 2015-Dec-17 | 62/268,655 | | | | | | Yes |
| US | 2016-Jan-04 | 14/987369 | 2016-Apr-28 | US 2016116120 | 2019-Jun-25 | 10330297 | 2031-Dec-09 | |
| US | 2016-Jan-04 | 16426659 | 2019-Sep-12 | US-2019-0277483-A1 | 2022-Mar-01 | 11262058 | 2031-Dec-09 | |
| US | 2016-Jan-22 | 15/406,458 | 2019-Feb-14 | US 20190053353 | 2020-May-19 | 10660170 | 2036-Jan-22 | Yes |
| US | 2016-Jan-22 | 15/004,320 | 2017-Jul-27 | US 20170215252 | 2018-May-29 | 9986621 | 2036-Jan-22 | Yes |
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| US | 2016-Feb-19 | 62/297,424 | | | | | | |
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| US | 2016-Mar-04 | 15/061,600 | | | 2017-Aug-22 | 9743482 | 2036-Mar-04 | Yes |
| US | 2016-Mar-11 | 15/514,769 | 2018-Dec-20 | US 2018368237 | 2021-Mar-16 | 10952305 | 2036-Mar-11 | Yes |
| US | 2016-Mar-31 | 15/086,465 | | | 2017-Jun-06 | 9674907 | 2036-Mar-31 | Yes |
| US | 2016-Apr-05 | 15/091322 | 2016-Jul-28 | US 2016219665 | 2017-Nov-14 | 9820348 | 2032-Mar-12 | |
| US | 2016-Apr-06 | 15/091,649 | | | 2017-Aug-01 | 9723667 | 2036-Apr-06 | Yes |
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| US | 2016-Apr-22 | 15/136367 | 2016-Oct-27 | US 2016316536 | 2017-Nov-28 | 9832830 | 2036-Apr-22 | |
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| US | 2016-May-04 | 15/146,104 | | | 2017-Oct-24 | 9801262 | 2036-May-04 | Yes |
| US | 2016-May-23 | 15/161370 | 2016-Dec-08 | US 2016360588 | 2018-May-08 | 9967935 | 2036-May-23 | |
| US | 2016-May-24 | 62/340,971 | | | | | | |
| US | 2016-Jun-08 | 15/737886 | 2018-Oct-18 | US-2018-0302963-A1 | 2019-Aug-06 | 10375782 | 2036-Jun-08 | Yes |
| US | 2016-Jul-21 | 15/215,923 | | | 2018-May-15 | 9970649 | 2036-Nov-25 | Yes |
| US | 2016-Jul-21 | 15/950,951 | | | 2020-Feb-25 | 10571113 | 2036-Jul-21 | Yes |
| US | 2016-Jul-27 | 62/367,507 | | | | | | |
| US | 2016-Aug-05 | 62/371,394 | | | | | | Yes |
| US | 2016-Aug-09 | 15/753833 | 2018-Aug-23 | US-2018-0242430-A1 | 2020-Aug-18 | 10750598 | 2036-Aug-09 | Yes |
| US | 2016-Aug-10 | 15/233,365 | | | 2017-Jun-13 | 9681520 | 2036-Aug-10 | Yes |
| US | 2016-Aug-16 | 15753658 | 2018-Aug-30 | US20180248084A1 | 2019-Oct-08 | 10439110 | 2036-Aug-16 | Yes |
| US | 2016-Aug-23 | 15/757351 | 2018-Aug-23 | US-2018-0242435-A1 | 2019-Jul-16 | 10356885 | 2036-Aug-23 | Yes |
| US | 2016-Aug-24 | 15246159 | 2017-Mar-02 | US 2017059095 | 2021-Nov-16 | 11175000 | 2036-Aug-24 | |
| US | 2016-Aug-24 | 17501458 | 2022-Mar-03 | US-2022-0065408-A1 | 2023-Sep-05 | 11746965 | 2036-Sep-20 | |
| US | 2016-Aug-24 | 15245327 | 2016-Dec-15 | US 2016366743 | 2017-Apr-11 | 9622315 | 2031-Mar-01 | Yes |
| US | 2016-Aug-24 | 15/759397 | 2018-Sep-20 | US-2018-0270933-A1 | 2020-Jun-09 | 10681792 | 2036-Aug-24 | Yes |
| US | 2016-Sep-14 | 15/265,241 | | | 2019-Dec-17 | 10512138 | 2037-Jan-02 | Yes |
| US | 2016-Oct-04 | 15/284,822 | | | 2020-Mar-17 | 10591323 | 2036-Oct-04 | Yes |
| US | 2016-Oct-07 | 62/405,718 | | | | | | |
| US | 2016-Oct-07 | 15/288,844 | | | 2017-Aug-08 | 9730291 | 2036-Oct-07 | Yes |
| US | 2016-Oct-07 | 15/287,941 | | | 2017-Jun-13 | 9681512 | 2036-Oct-07 | Yes |
| US | 2016-Oct-12 | 15770601 | 2019-Feb-21 | US-2019-0055468-A1 | 2020-Jun-02 | 10669478 | 2036-Oct-12 | Yes |
| US | 2016-Oct-17 | 15770366 | 2018-Nov-01 | US-2018-0317290-A1 | 2019-Jun-18 | 10327302 | 2036-Oct-17 | Yes |
| US | 2016-Oct-20 | 15/298,981 | | | 2017-Nov-21 | 9826583 | 2036-Oct-20 | Yes |
| US | 2016-Oct-21 | 15/299782 | 2017-Feb-09 | US 2017038054 | 2019-Feb-26 | 10215393 | 2033-Apr-22 | |
| US | 2016-Oct-21 | 16/260696 | 2019-May-23 | US-2019-0154247-A1 | 2020-May-26 | 10663158 | 2033-Apr-16 | |
| US | 2016-Nov-22 | 15/778528 | 2018-Dec-13 | US 20180359826A1 | 2019-Mar-12 | US 10231297 | 2036-Nov-22 | |
| US | 2016-Dec-01 | 16061083 | 2018-Dec-20 | US 2018368239A1 | 2022-Jan-11 | 11224111 | 2037-Jan-24 | Yes |
| US | 2016-Dec-07 | 16/061208 | 2018-Dec-13 | US-2018-0359649-A1 | 2020-Jan-14 | 10536864 | 2036-Dec-07 | Yes |

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List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
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| US | 2017-Jan-06 | 15/399997 | 2017-Apr-27 | 2017-0118827-A1 | 2017-Dec-26 | 9854651 | 2034-Aug-19 | |
| US | 2017-Feb-16 | 16/601,334 | | | 2020-Jul-28 | 10726794 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 15/696,808 | | | 2019-May-14 | 10292233 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 17/314,092 | 2021-Aug-26 | US-2021-0262636-A1 | 2022-Aug-09 | 11408588 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 15/727,833 | | | 2018-Oct-30 | 10,117,300 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/840,982 | | | 2021-Aug-31 | 11105476 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 15/892,192 | | | 2018-Dec-25 | 10163405 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/412,215 | | | 2020-Mar-24 | 10602584 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/014,394 | | | 2019-May-21 | 10299336 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 15/685,358 | | | 2018-Feb-13 | 9892693 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/108,741 | | | 2019-Dec-10 | 10,506,682 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/403,065 | | | 2020-Feb-25 | 10575380 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16935554 | 2020-Nov-05 | US-2020-0349896-A1 | 2022-Mar-22 | 11280460 | 2037-Apr-13 | |
| US | 2017-Feb-16 | 15/435,141 | | | 2017-Nov-14 | 9820350 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 15/811,062 | | | 2019-May-21 | 10299335 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/142,605 | | | 2019-May-14 | 10,290,265 | 2037-Feb-16 | Yes |
| US | 2017-Feb-16 | 16/195,452 | | | 2019-Oct-29 | 10460675 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 17/877,688 | 2022-Nov-17 | US20220364707 | 2023-May-30 | 11662078 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 18/131940 | 2023-Nov-09 | US-2023-0358389-A1 | | | | |
| US | 2017-Feb-16 | 16/392,422 | | US 2020335049 | 2020-Aug-04 | 10,733,944 | 2037-Feb-16 | Yes |
| US | 2017-Feb-16 | 16/797,512 | | | 2021-Jan-26 | 10904970 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/821,381 | | | 2021-May-11 | 11002424 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/398,682 | | | 2020-Apr-07 | 10616969 | 2037-Feb-16 | |
| US | 2017-Feb-16 | 16/921040 | 2020-Oct-22 | US 2020335049 | 2022-Aug-09 | 11408571 | 2037-Jun-05 | Yes |
| US | 2017-Mar-20 | 16/087164 | 2019-Apr-18 | US 20190116645A1 | 2019-Aug-20 | 10390411 | 2037-Mar-20 | Yes |
| US | 2017-Mar-29 | 16/105,288 | | | 2019-Jul-16 | 10,356,860 | 2037-Mar-29 | |
| US | 2017-Mar-29 | 16/430,097 | | | 2020-Jul-21 | 10721803 | 2037-Mar-29 | |
| US | 2017-Mar-29 | 15/472,873 | | | 2018-Aug-21 | 10,057,948 | 2037-Mar-29 | |
| US | 2017-Mar-29 | 16926915 | 2020-Oct-29 | US-2020-03448599-A1 | 2022-Apr-05 | 11297701 | 2037-Mar-29 | |
| US | 2017-Apr-04 | 16087937 | 2019-Apr-18 | US 20190116643A1 | 2020-Mar-10 | 10588195 | 2037-Apr-04 | Yes |
| US | 2017-Apr-19 | 16/095056 | 2019-Apr-04 | US-2019-0104596-A1 | 2019-Oct-01 | 10433399 | 2037-Apr-19 | Yes |
| US | 2017-May-02 | 62/500,364 | | | | | | Yes |
| US | 2017-May-03 | 62/500,743 | | | | | | |
| US | 2017-May-03 | 62/500,945 | | | | | | Yes |
| US | 2017-May-22 | 16306591 | 2019-Jun-20 | US 20190186714A1 | 2021-Oct-19 | 11149925 | 2037-May-22 | Yes |
| US | 2017-Jun-07 | 62/516,462 | | | | | | Yes |
| US | 2017-Jun-08 | 62/516,884 | | | | | | Yes |
| US | 2017-Jun-29 | 15/651,941 | | | 2020-Apr-21 | 10627093 | 2037-Jun-29 | Yes |
| US | 2017-Jun-29 | 15/636,923 | 2018-Nov-08 | US 2018320878 | 2019-Nov-26 | 10488028 | 2037-Jul-01 | Yes |
| US | 2017-Jul-05 | US20170528773P | | | | | | Yes |
| US | 2017-Jul-27 | 15/661,930 | | | 2019-Jan-08 | 10174917 | 2037-Jul-27 | |
| US | 2017-Jul-27 | 16/324664 | 2019-Jun-06 | US-2019-0174606-A1 | 2020-Jan-21 | 10542611 | 2037-Jul-27 | Yes |
| US | 2017-Jul-27 | 16/241,836 | | | 2020-Aug-04 | 10731829 | 2037-Jul-27 | |
| US | 2017-Aug-07 | 16/191,902 | 2018-Feb-08 | 2018-0042076 | 2019-Nov-05 | 10470270 | 2037-Aug-07 | Yes |
| US | 2017-Aug-07 | 16/595,966 | 2020-Feb-06 | US 20200045787A1 | 2020-Jun-30 | 10701778 | 2037-Aug-07 | Yes |
| US | 2017-Aug-07 | 15/670,659 | 2018-Feb-08 | 2018-0042076 | 2018-Dec-11 | 10154560 | 2037-Aug-07 | Yes |
| US | 2017-Aug-07 | 15/670,671 | 2018-Feb-08 | 2018-0038581 | 2019-Feb-05 | 10201057 | 2037-Aug-07 | Yes |
| US | 2017-Aug-16 | 17/096,165 | 2021-Mar-04 | US 2021063006 | 2022-May-17 | 11333341 | 2037-Aug-16 | Yes |
| US | 2017-Aug-16 | 16/239,626 | | | 2021-Mar-02 | 10935227 | 2037-Aug-16 | Yes |
| US | 2017-Aug-16 | 15/678,880 | | | 2019-Feb-19 | 10208940 | 2037-Aug-16 | Yes |
| US | 2017-Aug-16 | 17/734,105 | 2022-Aug-18 | US-2022-0260240-A1 | 2023-Oct-03 | 11774082 | 2037-Aug-16 | Yes |
| US | 2017-Aug-22 | 15683501 | 2018-Nov-08 | US-2018-0324925-A1 | 2019-Jun-25 | 10334688 | 2037-Aug-22 | Yes |
| US | 2017-Aug-31 | 15/692,540 | | | 2019-Apr-16 | 10264648 | 2037-Sep-02 | Yes |
| US | 2017-Sep-01 | US20170553200P | | | | | | Yes |
| US | 2017-Sep-26 | 62/563,418 | | | | | | Yes |
| US | 2017-Sep-29 | US20170565619P | | | | | | Yes |
| US | 2017-Oct-02 | 15/722574 | 2018-Jan-25 | US-2018-0027623-A1 | 2019-May-14 | 10292225 | 2033-Jul-04 | Yes |
| US | 2017-Oct-06 | 16/450,378 | | | 2020-Apr-14 | 10,624,170 | 2037-Oct-06 | |
| US | 2017-Oct-06 | 15/727,248 | | | 2019-Jun-25 | 10,334,678 | 2037-Oct-06 | |
| US | 2017-Oct-10 | 16/343117 | 2019-Aug-22 | US-2019-0261484-A1 | 2020-Feb-04 | 10555399 | 2037-Oct-10 | Yes |
| US | 2017-Nov-29 | 15/825,944 | | | 2019-Apr-16 | 10264641 | 2037-Dec-15 | Yes |
| US | 2017-Dec-09 | 16890788 | 2020-Sep-17 | US-2020-0296811-A1 | 2022-Jun-28 | 11371682 | 2038-Mar-06 | |
| US | 2017-Dec-09 | 16/708,016 | 2020-Apr-16 | US 20200120775A1 | 2020-Jun-09 | 10/681,785 | 2037-Dec-09 | |
| US | 2017-Dec-18 | 16/336139 | 2019-Oct-17 | 16336139 | 2020-Jun-02 | 10670194 | 2037-Dec-18 | |
| US | 2017-Dec-21 | 16/479974 | 2019-Dec-12 | US-2019-0380178-A1 | 2020-Mar-17 | 10595375 | 2037-Dec-21 | Yes |
| US | 2018-Jan-05 | 15/863405 | 2019-Jul-11 | US-2019-0215934-A1 | 2020-Mar-03 | 10582593 | 2034-Mar-12 | Yes |
| US | 2018-Jan-26 | US20180622373P | | | | | | Yes |
| US | 2018-Feb-07 | 15890391 | 2018-Aug-16 | US-2018231710 | 2021-Feb-02 | 10908351 | 2038-Feb-07 | Yes |
| US | 2018-Feb-19 | 16489417 | 2020-Jan-09 | US 20200015340A1 | 2020-Nov-17 | 10842006 | 2038-Feb-19 | Yes |
| US | 2018-Apr-27 | 16/574,518 | | | 2021-Jun-22 | 11041595 | 2038-Apr-27 | |
| US | 2018-Apr-27 | 15/964,880 | | | 2019-Sep-24 | 10422494 | 2038-Apr-27 | |
| US | 2018-May-02 | 15/969,470 | 2018-Nov-08 | US 20180317398 | 2019-Dec-24 | 10512221 | 2038-May-02 | Yes |
| US | 2018-May-23 | 15/987,362 | | | 2019-Dec-10 | 10502397 | 2038-Jun-03 | |
| US | 2018-May-23 | 16/708,118 | | | 2020-Nov-17 | 10837625 | 2038-May-23 | |

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| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|--------------------|-------------|------------|-------------|-------------------|
| US | 2018-Jun-07 | 16/002,835 | | | 2019-Apr-30 | 10,278,270 | 2038-Jun-07 | Yes |
| US | 2018-Jun-07 | 16/394,947 | | | 2020-Apr-28 | 10,638,572 | 2038-Jun-07 | Yes |
| US | 2018-Jun-07 | 16853242 | 2020-Aug-06 | US-2020-0253028-A1 | 2021-May-18 | 11013094 | 2038-Jun-07 | Yes |
| US | 2018-Jun-08 | 16/624774 | 2021-May-13 | US-2021-0141149-A1 | 2022-Apr-05 | 11294118 | 2039-Mar-31 | Yes |
| US | 2018-Aug-29 | 16/116,072 | | | 2019-Mar-26 | 10243473 | 2038-Aug-29 | Yes |
| US | 2018-Oct-01 | 16/148,850 | | | 2019-Nov-19 | 10485079 | 2038-Oct-01 | Yes |
| US | 2019-Jan-04 | 16/240,379 | 2020-Jul-09 | US-2020-0217480-A1 | 2021-Jan-12 | 10890311 | 2039-Jan-04 | Yes |
| US | 2019-Jan-25 | 16/257,695 | | | 2019-Dec-17 | 10512143 | 2039-Jan-25 | Yes |
| US | 2019-Mar-01 | 16/290,414 | | | 2019-Dec-10 | 10,502,404 | 2038-Jun-21 | |
| US | 2019-Mar-01 | 16/911627 | 2020-Oct-15 | US 2020326062 | 2021-Aug-10 | 11,085,621 | 2038-Jun-21 | |
| US | 2019-Mar-01 | 16/707,892 | | | 2020-Jul-21 | 10/718,501 | 2038-Jun-21 | |
| US | 2019-Sep-06 | US20190896650P | | | | | | Yes |
| US | 2019-Oct-01 | 16/589,146 | 2020-Jan-30 | US 2020032993 | 2022-May-31 | 11346540 | 2036-Jul-21 | Yes |
| US | 2019-Oct-21 | 17/288,743 | 2022-Apr-21 | US 20220120426 | 2022-Oct-11 | 11466847 | 2039-Oct-21 | Yes |
| US | 2020-Sep-01 | 17/008,868 | | | 2021-Sep-14 | 11122668 | 2040-Sep-01 | Yes |
| US | 2020-Sep-17 | 17/761560 | 2022-Jul-14 | US-2022-0221112-A1 | 2024-Jan-02 | 11859775 | 2040-Sep-17 | Yes |
| US | 2023-Jan-26 | 18101764 | 2023-Jun-01 | US 20230167968A1 | 2024-Jan-02 | 11859796 | 2028-Sep-22 | |

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| CTY | Country Code as used by WIPO |
| App. No. | Number of the patent application at the respective patent office |
| Fil. Date | Filing Date |
| Pub. No. | Publication Number |
| Pub. Date | Publication Date |
| Grant No. | Grant Number |
| Grant Date | Grant Date |
| Expiry Date | Estimated Expiry Date* |
| Additional Patent | Rights marked "Yes" are Additional Patents under the Enabled Licensing Program |

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