

SISVEL 3G PATENT BROCHURE

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Please also note that the license offered may include patent applications and/or patents that are not (yet) listed in this brochure, as they still may be in prosecution or under evaluation for essentiality. This brochure, may also include patents that may have lapsed/expired or may lapse/expire during the terms of any license offer, which only require royalties for past use during the corresponding terms of such patents. The existence of patent applications being granted and/or patents being lapsed/expired during the term of a license agreement has been accounted in the rates offered under any of the relevant license offers.

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| NKO-28 | Sisvel International | US 7020108 | | 16 | 3GPP TS 25.215 v 3.6.0 (Sections 6.1.1.1, 6.1.1.2) 3GPP TS 25.212 v 3.6.0 (Sections 4.2, 4.4) 3GPP TS 25.331 v 3.6.0 (Sections 10.3.6.33, 14.2, 14.3) | ISLD201305-003 | 10 Jan 2001 | |
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| NKO-41 | Sisvel International | US 8155060 | | 1 | 3GPP TS 25.214 v. 6.5.0 (Section 4.3.1.2) 3GPP TS 25.331 v. 6.6.0 (Section 8.3.1.2, 8.5.6) | ISLD201305-003 | 20 Jun 2005 | |
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| NKO-43 | Sisvel International | US 9118476 | | 3 | 3GPP TS 25.309 v.6.3.0 (Section 9.2.1) 3GPP TS 25.321 v.6.5.0 (Sections 9.2.5.2.2, 11.8.1.3.2) | ISLD201305-003 | 09 Sep 2005 | |
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| | | | TW I301381 | | | | 29 Jul 2005 | |
| | | | ZA 2007/9066 | | | | 20 Mar 2006 | |
| NKO-44 | Sisvel International | US 7894443 | | 16 | 3GPP TS 25.322 v. 6.6.0 (Section 9.2.2.80) | ISLD201305-003 | 23 Aug 2006 | |
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| NKO-45 | Sisvel International | US 9813531 | | 1 | 3GPP TS 26.142 (Section 6.1.3) OMA RME v. 1.0 (Sections 4 , 5.4.2.8, 9.2.1) | ISLD201305-003 | 22 Jan 2008 | |
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| NKO-50 | Sisvel International | US 8472955 | | 1 | 3GPP TS 22.011 V7.9.0 (2008-04)3GPP TS 23.003 V7.9.0 (2009-04)3GPP TS 25.304 V7.8.0 (2009-09)3GPP T | | 03 Jul 2012 | |
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| | | | EP 0782128 (IT) | | | | 12 Dec 1996 |
| | | | FR 2742568 | | | | 15 Dec 1995 |
| | | | JP 3678519 | | | | 16 Dec 1996 |
| | | | KR 10-0421226 | | | | 14 Dec 1996 |
| | | | US 5787390 | | | | 11 Dec 1996 |
| ORA002 | 3G Licensing | US 7313518 | | 10 | 3GPP TS 22.243 V8.0.0 (Sections 1, 3.1, 4, 5, 7; Figures 1) | ISLD-201409-019 | 19 Nov 2001 |
| | | | BR PI0116844-4 | | | | 19 Nov 2001 |
| | | | CA 2436318 | | | | 19 Nov 2001 |
| | | | CN ZL01822358.3 | | | | 19 Nov 2001 |
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| | | | JP 4210521 | | | | 19 Nov 2001 |
| | | | KR 10-0549133 | | | | 19 Nov 2001 |
| | | | MX 243041 | | | | 19 Nov 2001 |
| ORA003 | 3G Licensing | US 7171215 | | 1 | 3GPP TS 25.133 V3.22.0 (Sections 8.1.2.1, 8.1.2.2, 8.1.2.2.1, 8.1.2.2.5, 8.1.2.3.2, 8.1.2.3.4) 3GPP TS 23.060 V3.17.0 (Sections 5.1, 5.3.1.3) | ISLD-201607-002 | 25 Nov 2002 |
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| | | | FR 2832895 | | | | 26 Nov 2001 |
| | | | JP 4032428 | | | | 25 Nov 2002 |
| ORA008 | 3G Licensing | US 7860069 | | 14 | 3GPP TS 23 401 V8.15.0 (Sections 1, 4.2.1, 4.7.1, 5.1.2.1; Figures 5.1.2.1-1, 5.3.1.1 , 5.3.2.1, 5.3.2.1-1) 3GPP TS 23 228 V8.12.0 (Section 4.3.1) 3GPP TS 23.221 V8.9.0 (Section 5.6) | ISLD-201409-002 | 28 Mar 2005 |
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| | | | EP 1583311 (GB) | | | | 02 Apr 2004 |
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| ORA008 | 3G Licensing | | EP 1583311 (PL) | | | 02 Apr 2004 | | |
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| | | | JP 4824334 | | | 01 Apr 2005 | | |
| | | | JP 5318911 | | | 01 Apr 2005 | | |
| ORA016 | 3G Licensing | US 8837306 | | 6 | 3GPP TS 25.331 V8.25.0 (Sections 8.5.14, 8.5.24, 8.5.2) 3GPP TS 23.122 V8.11.0 (Sections 4.3.1, 4.4, 4.4.3, 4.4.3.1.1, 4.4.3.2.1) | ISLD-201607-002 | 24 Jul 2007 | |
| | | | CN ZL201310467762.8 | | | | | 24 Jul 2007 |
| | | | JP 5501762 | | | | | 24 Jul 2007 |
| ORA019 | 3G Licensing | EP 2080345 | | 7 | ETSI TS 182 025 V3.3.1 (sections 1.4, 4.1, 4.2, 6, 6.1, 6.1.2, 6.1.3, 6.1.5, 6.1.5.1) 3GPP TS 23.228 V9.4.0 (sections 4, 4.3, 4.3.3, 4.3.3.2, 4.3.3.2b, 4.3.3.3, 4.3.3.4, 4.3.5.2, 4.6, 4.6.3, 5, 5.2, 5.2.1, 5.2.1a, 5.2.1a.0.) | ISLD-201607-002 | 06 Jul 2007 | |
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| | | | JP 5079800 | | | | | 06 Jul 2007 |
| | | | US 8493967 | | | | | 06 Jul 2007 |
| ORA027 | 3G Licensing | JP 5319670 | | 1 | 3GPP TS 23.402 V8.8.0 (sections 1, 4, 4.1, 4.1.0, 4.2, 4.2.3, 6, 6.1, 6.2, 6.3, 7, 7.1, 7.1.2, 7.3, 8.4.2) 3GPP TS 23.401 V8.9.0 (sections 1, 4, 4.3, 4.3.1, 4.3.1.2, 4.4, 4.4.3.3, 4.4.3.2, 4.4.3.1, 4.4.3) IETF RFC 5555 (sections 2.5, 3.1, 3.1.1, 4.5) | ISLD-201607-002 | 26 Jun 2008 | |
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| | | | EP 2171981 (EP) | | | | | 26 Jun 2008 |
| | | | EP 2519065 (EP) | | | | | 26 Jun 2008 |
| ORA030 | 3G Licensing | US 8781469 | | 23 | 3GPP TS 23.401 V8.15.0 (Sections 4.3.2.2, 4.7.5, 5.3.2.1; Figure 5.3.2.1-1, 5.4.1, 5.4.1-1) 3GPP TS 23.203 V8.14.0 (Sections 3.1, 4.1, 5.2.2) 3GPP TS 29.212 V8.15.0 (Section 4.5.1) | ISLD-201607-002 | 09 Oct 2008 | |
| | | | EP 2597926 (AT) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (BE) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (CH) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (DE) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (ES) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (FR) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (GB) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (IE) | | | | | 09 Oct 2008 |
| | | | EP 2597926 (IT) | | | | | 09 Oct 2008 |
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| | | | EP 2597926 (PL) | | | | | 09 Oct 2008 |

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| ORA030 | 3G Licensing | | EP 2597926 (PT) | | | 09 Oct 2008 | |
| | | | EP 2597926 (RO) | | | 09 Oct 2008 | |
| | | | EP 2597926 (SE) | | | 09 Oct 2008 | |
| | | | EP 2597926 (TR) | | | 09 Oct 2008 | |
| | | | US 9319976 | | | 09 Oct 2008 | |
| ORA032 | 3G Licensing | US 8532076 | | 1 | 3GPP TS 23.327 V8.4.0 (Sections 1, 2, 3.2, 4.1, 5.2, 5.2.2, 5.3.3, 5.4, 6.1, 6.3.2.1; Figures 5.2.2-1, 6.1, 6.3.2.1-1) 3GPP TS 23.060 V8.15.0 (Sections 5.4.1.1, 5.4.1.2, 9.2.1) 3GPP TS 23.234 V8.0.0 (Sections 5.10.1) IETF RFC 3775 (Sections 10.3.2) IETF RFC 5555 (Sections 4.4.2.1) | ISLD-201408-002 ISLD-201408-003 ISLD-201408-004 | 17 Mar 2009 |
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| | | | EP 2266351 (IT) | | | 17 Mar 2009 | |
| | | | US 8964714 | | | 17 Mar 2009 | |
| ORA039 | 3G Licensing | US 8570936 | | 1 | 3GPP TS 23.060 V8.9.0 (Sections 1, 3.1, 4, 5.1, 5.2.1, 5.3.2, 5.3.2.1, 5.3.2.2, 5.4.1.1, 5.4.1.2, 9.2.1A, 9.6; Figure 1) 3GPP TS 23.401 V8.10.0 (Sections 3.2, 4.2.1, 4.2.2, 4.3.2.1, 4.3.2.2, 4.4.3.1, 4.4.3.2, 4.4.7.1, 4.4.7.2, 4.4.7.3, 4.7.1, 4.7.2.1, 4.7.2.2; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1, 4.7.2.2-1) 3GPP TS 23.402 V8.6.0 (Sections 1, 4.2.1, 4.2.2, 4.2.3, 4.3.1.1, 4.3.1.2, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.5, 4.3.5.1, 4.3.5.2, 4.8.1, 4.8.2.1, 4.10.3, 8.5.1; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1, 4.2.2-2, 4.2.3-1, 4.2.3-2, 4.10.3-1, 4.8.1.1-1, 8.5.1-1) 3GPP TS 23.203 V8.11.0 (Sections 1, 3.1, 6.1.0, 6.1.1.1, 6.1.1.2, 6.1.1.3, 6.1.1.4, 6.2.1.0, A.1.0, A.1.1.2, A.1.1.3, A.4.0, A.4.1.1, A.4.1.2, A.5.0, A.5.1.0, A.5.1.1, D.1.1, D.2, H.1, H.2; Figures A.1, A.4, D.1.1, D.2.1) | ISLD-201211-004 ISLD-201211-006 ISLD-201211-007 ISLD-201211-008 | 22 Mar 2006 |
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| | | | CN ZL201210078576.0 | | | 22 Mar 2006 | |
| | | | EP 1869840 (DE) | | | 22 Mar 2006 | |
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| ORA046 | 3G Licensing | EP 1772030 | | 1 | 3GPP TS 23.060 v8.17.0 (Sections 5.6.2.2, 9.2.1, 9.2.2.1, 9.3; Figures 6a, 63) 3GPP TS 24.008 v8.19.0 (Sections 9.5.1, 10.5.6.4,) 3GPP TS 29.061 v8.12.0 (Sections 11.2.1.3, 11.2.1.3.2, 11.2.1.4) | ISLD-201308-022 ISLD-201308-023 ISLD-201308-024 | 11 Jul 2005 |
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| ORA051 | 3G Licensing | EP 1614270 | | 1 | 3GPP 23.401 V8.10.0 (Sections 1, 4.2.2, 4.3.8.2, 5.3.1.1, 5.3.2.1; Figures 4.2.2-1, 5.3.2.1-1) | ISLD-201308-011 | 16 Apr 2004 |
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| US 8406198 | | | | 16 Apr 2004 | | | |
| ORA052 | 3G Licensing | EP 1602215 | | 1 | 3GPP TS 23.401 V8.10.0 (Section 4.2.2; Figure 4.2.2-3) 3GPP TS 23.060 V8.9.0 (Sections 9.2.2, 9.2.2.1, 9.2.3.2; Figures 63, 64, 71a, 71b) 3GPP TS 24.008 V8.10.0 (Section 10.5.6.4; Figure 10.5.137; Table 10.5.155) 3GPP TS 29.061 V8.7.0 (Sections 11.2.1.4; Figures 11, 11c, 11d) 3GPP TS 23.228 V8.12.0 (Sections 3.1, I.1, I.2, I.3, I.3.1, I.3.1.2; Figures I.1, I.3) IETF RFC 3344 (Sections 1.5, 1.7 and 3) | ISLD-201109-013 ISLD-201109-014 ISLD-201109-015 ISLD-201109-016 ISLD-201109-017 ISLD-201308-007 ISLD-201308-008 ISLD-201308-009 ISLD-201308-010 | 10 Mar 2004 |
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| ORA056 | 3G Licensing | EP 1636961 | | 1 | 3GPP TS 23.060 V8.13.0 (Sections 1, 3.1, 4, 5.4.0, 5.4.1.5, 9.2.1A, 9.2.3.0, 9.2.3.2A, 9.2.3.2, 15.3.0, 15.3.1; Figures 2a, 71c, 71a, 71b) 3GPP TS 23.401 V8.14.0 (Sections 1, 3.1, 4.1, 4.2.1, 4.3.1, 4.3.2.1, 4.3.3.1, 4.3.2.2, 4.4.3.1, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 5.4.3; Figures 4.2.1-1, 4.2.1-2, 4.7.2.2-1, 5.4.3-1) 3GPP TS 23.402 V8.9.0 (Section 4.3.3.3) IETF RFC 5213 (Sections 2.2, 3, 5.3.1, 6.10.5, 8.1) IETF RFC 3775 (Abstract; Section 11.7.2) | ISLD-201308-029 ISLD-201308-030 ISLD-201308-031 | 17 May 2004 |
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| ORA057 | 3G Licensing | EP 1561316 | | 1 | 3GPP TS 23.207 V6.6.0 (Sections 5.1.2, 5.1.2.1, 5.2, 5.2.1) 3GPP TS 23.228 V6.16.0 (Sections 4, 4.0, 5.4.7, 5.4.7.0, 5.4.7.1, 5.4.7.6; Annex E, E.0, E.1, E.1, E.1.0, E.1.1.1, E.2.3, E.2.3.0) IETF RFC 3775 (Abstract, 2, 3.2, 4, 4.1, 6, 6.1, 6.3, 6.4, 8, 8.2, 9.3.2) IETF RFC 6275 (Abstract, 2, 3.2, 4, 4.1, 6, 6.1, 6.3, 6.4, 8, 8.2, 9.3.2) | ISLD-201607-002 | 07 Nov 2003 |
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| US 9166824 | | | | 19 Mar 2007 | | | |
| ORA060 | 3G Licensing | EP 1671501 | | 1 | 3GPP TS 23.204 version 8.5.0 (Sections 5.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.3.1.1, 5.3.2, 6.1, 6.4) | ISLD-201109-011 ISLD-201109-012 ISLD-201308-035 ISLD-201308-036 | 07 Oct 2004 |
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| ORA063 | 3G Licensing | EP 0562890 | | 1, 5 | 3GPP TS 100 922 V8.0.0 (Sections 1, 6.2) 3GPP TS 101 622 V6.0.1 (Sections 4.3, 5, 5.2) 3GPP TS 122 038 V3.4.0 (Sections 9.1) 3GPP TS 100 977 V8.13.0 (Annex E, Annex I) 3GPP TS 101 267 V8.17.0 (Sections 3.2, 7, 7.1, 7.1.1, 7.1.2) 3GPP TS 122.003 V6.0.0 (Annex A.1.3.4, A.1.3.4.2) 3GPP TS 123.040 V3.9.0 (Sections 3.1, 3.2.3, 9.2.3, 9.2.3.9, 9.2.3.22, 9.2.3.24, 9.2.3.24.10, 9.2.3.24.10.1, 9.2.3.24.10.1.1; Figure 1) | ISLD-200402-003 | 29 Mar 1993 |
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| ORA065 | 3G Licensing | EP 1921855 | | 1 | 3GPP TS 23.228 V8.12.0 (Sections 4.0, 4.16.1, 4.16.2, 5.4.4, 5.10.3, 5.10.3.0; Figure E.2; Annex E, E.2.1a, E.2.1a.1, E.2.1a.2, E.2.4, E.2.4.0, E.2.4.1,) 3GPP TS 23.060 V8.9.0 (Sections 5.1, 5.4.6, 5.3.8, 9.2.3.3; Figure 1, 72b) 3GPP TS 23.401 V 8.17.0 (Section 4.7, 4.7.1, 4.7.2.2, Figure 4.7.2.2-1) | ISLD-201308-029 ISLD-201308-030 ISLD-201308-031 ISLD-201607-002 | 16 Oct 2001 |
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