

# SISVEL 3G PATENT BROCHURE

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Family	Patent Owner	Exemplary Patent	Family Members	Claim(s)	Illustrative section(s) of the standard	ETSI Declaration	Filing Date
KPN001	KPN	US5528629		5	3GPP TS 26.090	ISLD-200107-003	27 Aug 1991
			CA2050979				09 Sep 1991
			EP0475520(AT)				06 Sep 1991
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			JP2640595				10 Sep 1991
KPN002	KPN	US5930250		1, 10	3GPP TS 23.140	ISLD-201504-002	04 Sep 1996
			AU709087				06 Sep 1996
			EP1814352(DE)				09 Sep 1996
			EP1814352(FR)				09 Sep 1996
			EP1814352(GB)				09 Sep 1996
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KPN003	KPN	US5960365		14, 24	3GPP TS 43.318 3GPP TS 23.261	ISLD-201203-015	31 Aug 1994
			EP0716796				31 Aug 1994
			EP0716796(DE)				31 Aug 1994
			EP0716796(FR)				31 Aug 1994
			EP0716796(GB)				31 Aug 1994
			EP0716796(NL)				31 Aug 1994
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KPN004	KPN	US6212662		1	3GPP TS 25.212	ISLD-201202-010	26 Jul 1999
			EP0751643(DE)				24 Jun 1996
			EP0751643(FR)				24 Jun 1996
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<b>KPN005</b>	<b>KPN</b>	EP0785692		1	3GPP TS 25.211 V10.0.0 3GPP TS 23.261 V10.2.0 3GPP TS 23.060 V10.14.0 3GPP TS 24.312 V10.7.0		ISLD-201507-025	29 Oct 1996
			EP0785692(DE)					29 Oct 1996
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<b>KPN006</b>	<b>KPN</b>	EP2337403		16, 30	3GPP TS 22.368 v10.5.0 3GPP TS 23.003 v10.10.0 3GPP TS 23.060 v10.14.0 3GPP TS 24.008 v10.15.0		ISLD-201304-005 ISLD-201304-008 ISLD-201304-010 ISLD-201304-011 ISLD-201901-011 ISLD-201902-001	19 Feb 2009
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<b>KPN007</b>	<b>KPN</b>	JP4987126		11	3GPP TS 26.237			ISLD-201401-007 ISLD-201911-046	22 Dec 2008
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<b>KPN008</b>	<b>KPN</b>	CNZL201080058898.8		11, 13	3GPP TS 37.320 V10.4.0 3GPP TS 25.304, 25.331, 32.422, 32.521, 32.522			ISLD-201505-005	16 Dec 2010
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<b>KPN009</b>	<b>KPN</b>	CNZL201080013541.8		12, 13, 14	3GPP TS 23.228 V12.10.0: Sections U.1.0, U.1.2, U.1.3.1 and U.2.2, Figure U.1.2-1 3GPP TS 23.371 V12.4.0: Sections 1, 2, 4.1, 5D.1, 5D.2 and 7.1		ISLD-201603-006 ISLD-201911-024	19 Jan 2010	
			JP5436577					19 Jan 2010	
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<b>KPN010</b>	<b>KPN</b>	EP2486750		1	3GPP TS 36.331 V10.20.0 3GPP TS 25.331 V10.20.0 3GPP TS 36.306 V10.15.0 3GPP TS 37.320 V10.4.0 3GPP TS 32.422 V10.13.0 3GPP TS 36.304 V10.8.0 3GPP TS 36.300 V10.12.0		ISLD-201606-002 ISLD-201606-003	05 Oct 2010	
		US8660560		1, 9	3GPP TS 37.320 V10.4.0: Sections 3.1, 4.1, 5.1.1, 5.1.1.1, 5.1.1.2, 5.1.1.3.2, 5.1.1.3.3; Figure 5.1.1.1-1 3GPP TS 25.484 V10.2.0: Section 4.1; Figure 4.1-1 3GPP TS 32.422 V10.13.0: Sections 4.1.1.2a, 4.1.5, 6; Figure 6.2 3GPP TS 25.331 V10.15.0: Sections 8.5.63, 8.5.63.1, 8.5.63.2, 8.5.64.1, 8.5.64.2, 8.5.64.3, 10.2, 10.2.16da, 10.2.48, 10.2.48.8, 10.2.48.8.6, 10.2.48.8.7, 10.2.48.8.14, 10.2.48.8.15, 10.3.7, 10.3.7.13, 10.3.7.23, 10.3.7.33, 11.3; Figure 8.5.64.1-1 3GPP TS 25.304 V10.7.0: Section 5.7 3GPP TS 25.306 V10.10.0: Section 4.7, 4.15		ISLD-201606-002 ISLD-201606-003	05 Oct 2010	
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<b>L01</b>	<b>3G Licensing</b>	US7496132		1	3GPP TS 25.211 V6.10.0: Sections 5.2, 5.2.1, 5.2.1.1; Figure 1; Table 3			07 Apr 2005	
			BRPI0001674-8					15 Mar 2000	
			CNZL00103104.X					15 Mar 2000	
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			US7012906					14 Mar 2000
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L02	3G Licensing	US7319718		15	3GPP TS 25.212 V6.10.0: Section 4.7.1.2; Table 14			13 Feb 2003
			AU2003208042					19 Aug 2004
			CNZL03803964.0					11 Feb 2003
			EP1483850(DE)					11 Feb 2003
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			EP1483850(NL)					11 Feb 2003
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			JP4383887					11 Feb 2003
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L04	3G Licensing	US7580388		1	3GPP TS 25.331 V6.26.0: Sections 8.1.1.6.5, 10.3.5.2a, 10.3.6.55,			25 Feb 2005
			AU2005249137					11 May 2005
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L04	3G Licensing		IN253908 JP4920581 KR101141326 KZ22099 MX261740 RU2346392 UA88471 US7660281 US7715344 ZA200609137							11 May 2005 11 May 2005 01 Dec 2006 28 Dec 2006 11 May 2005 09 Jan 2007 11 May 2005 13 May 2009 25 Sep 2009 02 Nov 2006
L06	3G Licensing	US7551625		1	3GPP TS 25.211 V6.7.0: Sections 4.1.1.2, 5.3.3.14; Figure 26C 3GPP TS 25.309 V6.5.0: Section 9.1 3GPP TS 25.321 V6.8.0: Sections 8.1.2, 11.8.1.4		ISLD-200908-004 ISLD-201005-006 ISLD-201209-001 ISLD-201209-012		31 Mar 2005	
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L09	3G Licensing	US7649907		1	3GPP TS 25.301 V6.6.0: Sections 5.3.1.1.2.1; Figure 4 3GPP TS 25.321 V6.18.0: Sections 9.1.5; Figures 9.1.5.1, 9.1.5.2				29 Sep 2005	
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L09	3G Licensing		US7839888 US8437328 ZA200701741					29 May 2009 11 Oct 2010 27 Feb 2007
L11	3G Licensing	US8923237		1	3GPP TS 25.322 V7.10.0: Sections 1, 3.2, 4.2, 4.2.1, 4.2.1.2, 4.2.1.2.2, 8, 8.1, 8.2, 9.2.2.3, 9.5, 9.6, 9.7.10; Figure 4.3a; Table 8.1			21 Feb 2013
			US8379646 US8396080 US9078254 US9179460 US9504030					31 Jul 2006 28 Apr 2009 03 Nov 2014 13 Apr 2015 25 Sep 2015
L15	3G Licensing	US9319198		3	3GPP TS 25.214 V6.11.0: Sections 3.2, 4.2.4.4, 6B, 6B.1 3GPP TS 25.321 V6.18.0: Sections 9.2.5, 9.2.5.1 3GPP TS 25.433 V6.17.0: Sections 9.1.17			20 Jun 2014
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L19	3G Licensing	US7486699		13	3GPP TS 25.323 V6.11.0: Section 5.1.2.3 3GPP TS 25.322 V6.12.0: Sections 8.1, 8.2; Table 8.1			25 Nov 2002
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L19	3G Licensing		KR100765122					24 Nov 2001
			KZ20453					23 Jun 2004
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L23	3G Licensing	US7593407		1	3GPP TS 25.321 V6.18.0: Section 11.6.2.3.2			09 Nov 2004
			AU2004307900					03 Nov 2004
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L27	3G Licensing	US7656803		1	3GPP TS 25.301 V8.7.0: Sections 5.1; Figure 2 3GPP TS 25.321 V8.17.0: Section 11.1 3GPP TS 25.331 V8.6.0: Section 14.4.2			28 Nov 2007
			US6640105					03 Jul 2000
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L32	3G Licensing	US8325692		1	3GPP TS 25.322 V7.10.0: Sections 4.2.1.3, 9.2.2.1, 9.7.8; Figure 4.4, 9.19, 9.20			20 Jul 2010
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L32	3G Licensing		US7760634 US7839894					05 Nov 2007 14 Nov 2006
L34	3G Licensing	US7215653		37	3GPP TS 25.321 V6.18.0: Sections 9.2.5.2.1, 9.2.5.3.1, 11.8.1.3 3GPP TS 25.212 V6.10.0: Sections 4.11.2; Table 17			11 Feb 2002
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L36	3G Licensing	US7366105		14	3GPP TS 25.331 V6.26.0: Sections 8.1.6, 8.1.6.1, 8.1.6.2, 10.2.56, 10.3.3.24, 10.3.3.42, 10.3.4.2; Figure 8.1.6-1 3GPP TS 25.323 V6.11.0: Section 5.3			14 Aug 2003
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NKO04	Sisvel International	US6137836		1	3GPP TS 26.140 v.5.2.0: Section 4.8 3GPP TS 26.234 v.5.4.0: Section 7.7 W3C SVG 1.1 - W3C Mobile SVG Profiles		ISLD-201305-003	28 May 1997		
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NKO10	Sisvel International		KR100539720 US7603606 US7849376						03 Jul 2000 03 Jul 2000 29 Sep 2009
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		EP1249151(TR)							17 Jan 2001
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		KR100554710							17 Jan 2001
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		RU2233047							17 Jan 2001
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NKO13	Sisvel International	EP1470684		37	3GPP TS 24.229 v. 5.10.0: Sections 5.1.1.2, 5.1.1.3, 5.1.1.7 3GPP TS 23.228 v. 5.10.0: Sections 5.3.2, 5.3.2.2.1, 5.3.3 3GPP TS 29.228 v. 5.10.0: Section 6.1.3 IETF RFC3680		ISLD-200401-002 ISLD-200401-003 ISLD-201305-003	21 Jan 2002	
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NKO13	Sisvel International		MX256099 RU2283542 US8571548 ZA200405171						21 Jan 2002 21 Jan 2002 21 Jan 2002 21 Jan 2002
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NKO39	Sisvel International	US7133690		16	3GPP TS 25.321 v. 6.15.0: Sections 3.1.2, 9.2.5.2.1, 11.8.1.3 3GPP TS 25.211 v. 6.5.0: Section 5.3.2.4 3GPP TS 25.214 v. 6.11.0: Section 6B.2	ISLD-200702-005 ISLD-201305-003	23 Jan 2004
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ORA002	3G Licensing	US7313518		10	3GPP TS 22.243 V8.0.0: Sections 1, 3.1, 4, 5, 7; Figures 1	ISLD-200211-003 ISLD-200506-005 ISLD-201409-019 ISLD-201409-020 ISLD-201409-021 ISLD-201607-001 ISLD-201607-002	19 Nov 2001
			BRPI0116844-4 CA2436318 CNZL01822358.3 EP1356461(DE) EP1356461(ES) EP1356461(FR) EP1356461(GB) EP1356461(IT) EP1356461(NL) EP1356461(TR) JP4210521 KR100549133 MX243041				19 Nov 2001 19 Nov 2001
ORA008	3G Licensing	US7860069		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 ISLD-201409-003 ISLD-201409-004 ISLD-201607-001 ISLD-201607-002	28 Mar 2005
			EP1583311(BE) EP1583311(CH) EP1583311(CY) EP1583311(DE) EP1583311(ES) EP1583311(FR) EP1583311(GB) EP1583311(HU) EP1583311(IE) EP1583311(IT) EP1583311(LI) EP1583311(LU) EP1583311(MC) EP1583311(NL) EP1583311(PL) EP1583311(PT) EP1583311(RO) EP1583311(SI) EP1583311(TR) JP4824334 JP5318911				02 Apr 2004 02 Apr 2004 01 Apr 2005 01 Apr 2005
ORA030	3G Licensing	US8781469		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-201511-021 ISLD-201511-022 ISLD-201511-023 ISLD-201607-001 ISLD-201607-002	09 Oct 2008
			EP2597926(AT) EP2597926(BE)				09 Oct 2008 09 Oct 2008



ORA040	3G Licensing	US8565159		2	3GPP TS 23.060 V8.15.0: Sections 1, 4 3GPP TS 23.327 V8.4.0: Sections 1, 4, 4.1, 5.2.1; Figures 5.2..1-1, 5.3.1, 5.3.2, 6.1, 6.3.1, 6.3.1-1, 6.3.2.2, 6.3.2.2-1 3GPP TS 23.234 V8.0.0: Sections 1, 4, 5.7.1, 6.1.2; Figures 6.2a, 6.2.6	ISLD-201211-009 ISLD-201211-010 ISLD-201211-011 ISLD-201607-001 ISLD-201607-002	15 Jan 2007
			CNZL200780009678.4				15 Jan 2007
			EP1974576(DE)				15 Jan 2007
			EP1974576(ES)				15 Jan 2007
			EP1974576(FR)				15 Jan 2007
			EP1974576(GB)				15 Jan 2007
			EP1974576(IT)				15 Jan 2007
			EP2958292(DE)				15 Jan 2007
			EP2958292(ES)				15 Jan 2007
			EP2958292(FR)				15 Jan 2007
			EP2958292(GB)				15 Jan 2007
			EP2958292(IT)				15 Jan 2007
			EP2958292(NL)				15 Jan 2007
			HK1219367				15 Jan 2007
			US8194608				15 Jan 2007
ORA041	3G Licensing	US8072923		1	3GPP TS 23.401 V8.15.0: Sections 1, 3.1, 4.1, 4.2.1; Figures 4.2.1-2, 4.2.3, 4.4.3.1, 4.4.3.2, 4.4.3.3, 4.7.1, 4.7.2.1, 4.7.2.2, 4.7.2.2-1, 5.3.1.1, 5.3.2.1	ISLD-201211-012 ISLD-201607-001 ISLD-201607-002	23 Mar 2006
			CNZL200680016492.7				23 Mar 2006
			CNZL201110148681.2				23 Mar 2006
			EP1861981(DE)				23 Mar 2006
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			EP1861981(GB)				23 Mar 2006
			EP1861981(IT)				23 Mar 2006
			EP1861981(NL)				23 Mar 2006
			JP5384934				23 Mar 2006
			JP5491650				23 Mar 2006
			US8971246				23 Mar 2006
ORA042	3G Licensing	EP1861982		17	3GPP TS 23.060 V8.9.0: Sections 1, 4, 5.2.1, 5.4.1.3, 9.2.1, 9.2.2.1; Figures 64 3GPP TS 24.008 V8.10.0: Sections 6.1.3.1, 6.1.3.1.59.5.1, 10.5.6.4; Figures 10.5.137 3GPP TS 34.123-1 V10.0.0: Sections 11.1.1.1.2, 11.1.3.2, 11.1.3.2.3, 11.1.3.2.4	ISLD-201211-013 ISLD-201211-014 ISLD-201211-015 ISLD-201607-001 ISLD-201607-002	23 Mar 2006
			CNZL200680017166.8				23 Mar 2006
			EP1861982(BE)				23 Mar 2006
			EP1861982(CH)				23 Mar 2006
			EP1861982(DE)				23 Mar 2006
			EP1861982(ES)				23 Mar 2006
			EP1861982(FR)				23 Mar 2006
			EP1861982(GB)				23 Mar 2006
			EP1861982(IT)				23 Mar 2006
			EP1861982(NL)				23 Mar 2006
			EP1861982(PL)				23 Mar 2006
			EP1861982(SE)				23 Mar 2006
			EP1861982(TR)				23 Mar 2006
			JP4970422				23 Mar 2006
			US8064384				23 Mar 2006
			US9001732				23 Mar 2006

<b>ORA043</b>	<b>3G Licensing</b>	EP1869841		1	3GPP TS 23.060 V8.7.0: Sections 9.2.1A, 9.2.1.1, 9.2.2.1, 9.2.2.1.1, 15.3.0, 15.3.1; Figures 63, 64 3GPP TS 23.207 V8.0.0: Sections 4.2, 4.7, 5.1, 5.2, 5.2.1, 5.2.2, 6.1, 6.1.1, 6.1.2, 6.4; Figures A.7; Annex A, A.2, A.2.5, Annex C; Figure A.7 3GPP TS 23.228 V8.12.0: Sections 4.0, 4.2.4, 4.2.4a, 4.6.0, 4.6.1, 4.6.3, 5.4.0, 5.4.2a; Figures 4.0, 5.5b; Annex E, E.0, E.5 3GPP TS 23.401 V8.8.0: Sections 1, 4.2.1, 4.2.2, 4.4.4; Figures 4.2.1-1, 4.2.1-2, 4.2.2-1, 4.2.2-2, 4.2.2-3 3GPP TS 24.008 V9.3.0: Sections 9.5.4, 9.5.4.1, 10.5.6.12; Tables 9.5.4, 10.5.162 3GPP TS 24.229 V8.11.0: Annex B, B.1, B.2.1, B.2.2.1, B.2.2.5.1, B.2.2.5.1A, B.2.2.5.1B 3GPP TS 29.060 V9.3.0: Section 7.7.36	ISLD-201011-005 ISLD-201011-006 ISLD-201011-007 ISLD-201011-008 ISLD-201011-009 ISLD-201011-010 ISLD-201308-017 ISLD-201308-018 ISLD-201308-019 ISLD-201308-020 ISLD-201308-021 ISLD-201607-001 ISLD-201607-002	22 Mar 2006	
		EP1869841(DE)						22 Mar 2006
		EP1869841(FR)						22 Mar 2006
		EP1869841(GB)						22 Mar 2006
<b>ORA046</b>	<b>3G Licensing</b>	EP1772030		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 ISLD-201607-001 ISLD-201607-002	11 Jul 2005	
			CNZL200580025881.1					11 Jul 2005
			EP1772030(DE)					11 Jul 2005
			EP1772030(ES)					11 Jul 2005
			EP1772030(FR)					11 Jul 2005
			EP1772030(GB)					11 Jul 2005
			EP1772030(IT)					11 Jul 2005
			IN271359					11 Jul 2005
			US10200511					11 Jul 2005
			US8179888					11 Jul 2005
			US9237058					11 Jul 2005
<b>ORA047</b>	<b>3G Licensing</b>	US7860073		1	3GPP TS 23.060 v8.17.0: Sections 5.6.2.2, 9.2.1, 9.2.1.1, 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; Figures 11bb IETF RFC 4291: Section 2.5.1	ISLD-201308-025 ISLD-201308-026 ISLD-201308-027 ISLD-201308-028 ISLD-201607-001 ISLD-201607-002	10 Jun 2005	
			CNZL200580024907.0					10 Jun 2005
			EP1771978(CH)					10 Jun 2005
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			EP1771978(ES)					10 Jun 2005
			EP1771978(FR)					10 Jun 2005
			EP1771978(GB)					10 Jun 2005
			EP1771978(IT)					10 Jun 2005
			IN272738					10 Jun 2005

<b>ORA048</b>	<b>3G Licensing</b>	EP1741264		1	3GPP TS 29.060 V8.11.0: Sections 3.1, 4.1; Figure 1 3GPP TS 23.401 V8.8.0: Sections 5.1, 5.1.1.1, 5.1.1.4; Figures 5.1.1.4-1, 5.1.1.5, 5.1.1.5-1, 5.1.1.6, 5.1.1.6-1, 5.1.1.7, 5.1.1.7-1, 5.1.1.8, 5.1.1.8-1, 5.1.2.1, 5.1.2.1-1, 5.1.2.2, 5.1.2.2-1, 5.1.2.3, 5.1.2.3-1, 5.1.2.4, 5.1.2.4-1, 5.1.2.5, 5.1.2.5-1 3GPP TS 23.402 V8.8.0: Sections 1, 4.2.2; Figures 4.2.2-2, 4.3.3.2, 4.3.3.3, 4.3.4, 5.1.2, 5.1.4.1, 5.1.4-1, 5.1.4.2, 5.1.4.2-1, 5.1.4.3, 5.1.4.3-1, 5.1.4.4, 5.1.4.4-1, 5.1.3.1, 5.1.3.1-1, 6.1.2, 6.1.2-1; Annex A, A.1; Figures A.1-1, A.1-2, A.1-3, A2, A.2-1 3GPP TS 23.228 V8.9.0: Sections 4.6.0, 4.6.1, 5.4.2a; Figure 5.5b, E0, E5 3GPP TS 23.060 V8.7.0: Sections 4, 5.3.2.4, 5.3.2.5, 5.5; Table 1, 5.6.2.1, 5.6.2.2; Figures 6a, 6b, 6c, 6d, 5.6.3, 5.6.3.1, 5.6.3.2, 7, 8, 9.2.1, 9.2.2.1, 63, 64	ISLD-201010-005	19 Apr 2005	
					CNZL200580020466.7			19 Apr 2005
					EP1741264(DE)			19 Apr 2005
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					EP1741264(IT)			19 Apr 2005
					IN255363			19 Apr 2005
					JP4660539			19 Apr 2005
					US7907618			19 Apr 2005
<b>ORA052</b>	<b>3G Licensing</b>	EP1602215		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	10 Mar 2004	
					CNZL200480006637.6			10 Mar 2004
					EP1602215(DE)			10 Mar 2004
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					JP5248586			10 Mar 2004
					KR101007005			10 Mar 2004
					US7640017			10 Mar 2004
					US8023946			10 Mar 2004
<b>ORA058</b>	<b>3G Licensing</b>	EP1838044		20	3GPP TS 23.234 V8.0.0: Sections 1, 5.13.3, 3GPP TS 23.327 V8.4.0: Sections 5.3.1, 6.3.1; Figures 6.3.1-1 IETF RFC 2474: Section 3	ISLD-201308-032	24 Mar 2006	
					CNZL200780010663.X			24 Mar 2006
					EP1838044(DE)			24 Mar 2006
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					EP1838044(FR)			24 Mar 2006
					EP1838044(GB)			24 Mar 2006
					EP1838044(IT)			24 Mar 2006
					JP5809648			24 Mar 2006

ORA058	3G Licensing		JP6063998 US9413681						24 Mar 2006 24 Mar 2006
ORA059	3G Licensing	US8184646		18	3GPP TS 23.060 V8.15.0: Sections 4, 5.1, 5.2, 5.2.1, 5.3.0, 5.3.1, 5.3.1.1, 5.3.2, 5.3.3.1, 5.6.2.2; Figure 6a, 9.2.2.1, 63, 64 3GPP TS 23.107 V8.2.0: Sections 6.4.3.1, 6.4.3.2 3GPP TS 24.008 V8.16.0: Section 9.5.1; Tables 9.5.1, 10.5.6.5 10.5.156; Figure 10.5.138	ISLD-201211-019 ISLD-201211-020 ISLD-201211-021 ISLD-201607-001 ISLD-201607-002	19 Mar 2007		
			EP1999907(DE) EP1999907(ES) EP1999907(FR) EP1999907(GB) EP1999907(IT) EP1999907(NL) IN282457 JP5740672 US9166824						19 Mar 2007 19 Mar 2007
ORA063	3G Licensing	EP0562890		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		
			EP0562890(AT) EP0562890(BE) EP0562890(ES) EP0562890(GB) EP0562890(IE) EP0562890(IT) EP0562890(LU) EP0562890(NL) HK1005009						29 Mar 1993 29 Mar 1993
ORA064	3G Licensing	EP0960542		1	3GPP TS 131 101 V7.0.1: Sections 1 3GPP TS 131 102 V7.13.0: Sections 1, 5.1.1.1 3GPP TS 121 111 V7.1.0: Sections 6.1 3GPP TS 102 221 V7.4.0: Sections 4.2, 8.1, 8.2.2, 8.4.1, 8.4.3, 11.1.3.1, 11.1.3.2, 11.1.5.1 11.1.5.2; Figures 8.1, 8.2	ISLD-201011-001 ISLD-201011-002 ISLD-201011-003 ISLD-201011-004	19 Jan 1998		
			AU729163 CA2280150 CNZL98802464.0 EP0960542(DE) EP0960542(ES) EP0960542(FR) EP0960542(GB) EP0960542(IT) GB2322045 IN208486 JP4357596 US6856818						19 Jan 1998 19 Jan 1998 11 Feb 1997 19 Jan 1998 19 Jan 1998 19 Jan 1998 19 Jan 1998

<b>ORA065</b>	<b>3G Licensing</b>	EP1921855		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-201607-001 ISLD-201607-002	16 Oct 2001
		CNZL01818343.3					16 Oct 2001
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<b>SIS001</b>	<b>Sisvel SPA</b>	EP2073588		1	3GPP TS 25.323 V8.5.0: Section 4.2; Figure 1 3GPP TS 25.322 V8.9.0: Sections 4.2.1, 4.2.1.3.1, 6, 9.7.2; Figure 4.1	ISLD-201407-015 ISLD-201608-013 ISLD-201412-003	17 Mar 2009
		AU2003225363					07 Apr 2003
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		EP2073588(IT)					17 Mar 2009
		HK1061487					15 Apr 2004
		IDP0024174					07 Apr 2003
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		KZ18879					07 Apr 2003
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		US7400893					07 Apr 2003
		US8260287					20 Nov 2008
		US8744433					20 Nov 2008
		US9072006					15 May 2008
		ZA200407340					07 Apr 2003
<b>TNO001</b>	<b>TNO</b>	EP2073551		1	3GPP TS 26.247 V11.1.0: Sections 2, 5.1, 5.3, 7.1, 7.2, 8.1, 8.4.1 and 8.4.4.1; Figures 3, 7-1 and 7-2	ISLD-201301-003 ISLD-201304-016 ISLD-201304-020 ISLD-201601-003	20 Dec 2007
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<b>TNO001</b>	<b>TNO</b>	EP2073551(FI)				20 Dec 2007
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