

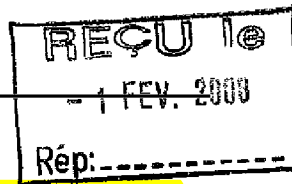
Exhibit 20



IPR information statement and licensing declaration

IPR Holder/Organisation

Legal Name: SAMSUNG ELECTRONICS CO., LTD. _____



Signatory

Name: Seung Gun, Park _____

Position: Vice President _____

Department: Telecommunication R&D Center _____

Address: Dong Suwon P.O.BOX 105, 416, Maetan-3Dong, Yeongtong-Gu, _____
 Suwon-City, Gyeonggi-Do, Korea 442-600 _____

Tel.: 82-31-279-4887 _____ Fax: 82-31-279-4560 _____

E-mail: sukjin.jang@samsung.com _____

IPR information statement

In accordance with the ETSI IPR Policy, Clause 4.1, I hereby inform ETSI that,
 with reference to the technical proposal identified as 3GPP _____
 and/or
 in relation to Work Item No. _____
 and/or
 with reference to ETSI Standard No. TS 23.060, TS 23.279, TS25.211, TS 25. 212,
 TS 25.213, TS 25.222, TS 25.224, TS 25.309, TS 25.321, TS 25.331, TS 25.346, TS 25.401,
 TS 25.413, TS 36.211, TS 36.212, TS 36.213, TS 36.300, TS 36.321, TS 36.323

it is my belief that the IPRs listed in the attached IPR information statement annex are, or are likely to become, Essential IPRs in relation to that Standard.

IPR licensing declaration

The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in the attached *IPR information statement annex* and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above.

The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

This undertaking is made subject to the condition that those who seek licences agree to reciprocate the same in respect of the STANDARD in accordance with Clause 6.1 of the ETSI IPR Policy (delete this paragraph if this condition is not required).

The construction, validity and performance of this DECLARATION shall be governed by the laws of France.

Place, Date:

2008-01-30
 (Place, Date)

Signature:

S. G. Park
 (Signed for and on behalf of the SIGNATORY)

Please return this form duly signed to: ETSI Director-General
 ETSI - 650, route des Lucioles - F-06921 Sophia Antipolis Cedex - FRANCE
 Fax. +33 (0) 4 93 65 47 16

IPR information statement annex

ETSI Standard, Technical Specification or Work Item		Patent Proprietor		Application No.	Patent No.	Patent Subject/Title	Country of registration	OPTIONAL INFORMATION: Other Patents/Applications No. in same family	
		Work Item or Standard No.	Section					Version (N.X.X.X)	Patent/Application No.
UMTS	3GPP TS 36.211	6.2.2	Samsung Electronics Corporation	2005-0037779		METHOD FOR CONFIGURING AND MANAGING CHANNEL IN A WIRELESS COMMUNICATION SYSTEM USING AMC CHANNEL AND DIVERSITY CHANNEL, TRANSMISSION/RECEPTION APPARATUS THEREFOR, AND SYSTEM THEREOF	KOREA (REPUBLIC OF)	417221	UNITED STATES
								V2.0.0	2006/001698
UMTS	3GPP TS 36.211	5.3.5	Samsung Electronics Corporation	2005-0037777		METHOD, APPARATUS, AND SYSTEM FOR TRANSMITTING AND RECEIVING INFORMATION OF AN UNCODED CHANNEL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM	KOREA (REPUBLIC OF)	417217	UNITED STATES
								V2.0.0	2006/001696
UMTS	3GPP TS 36.300	12	Samsung Electronics Corporation	2006-0085757		METHOD AND APPARATUS FOR DISCONTINUOUS RECEPTION OF CONNECTED TERMINAL IN A MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	07006399.5	European Patent Office
								V8.2.0	729032
UMTS	3GPP TS 36.212	5.1.4	Samsung Electronics	2002-0001252		INTERLEAVING APPARATUS AND METHOD	KOREA (REPUBLIC OF)	KR2007/001520	PCT
								V1.3.0	2003202155
								0306689-4	BRAZIL



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UMTS	3GPP TS 36.213	7.2	V8.0.0	Samsung Electronics Corporation	11/475,709		FOR AN COMMUNICATION SYSTEM	OF)	2472952 3802077.7 3000524.3 00943/KOLNP/04 559023/2003 2004121027 338715 03/00033	CANADA CHINA European Patent Office INDIA JAPAN RUSSIAN FEDERATION UNITED STATES PCT
UMTS	3GPP TS 36.213	7.2	V8.0.0	Samsung Electronics Corporation	11/475,709		APPARATUS AND METHOD FOR ADAPTIVE CHANNEL QUALITY FEEDBACK IN A MULTICARRIER WIRELESS NETWORK	UNITED STATES	2006-0072790 06015981.1 2006/003034	KOREA (REPUBLIC OF) European Patent Office PCT
UMTS	3GPP TS 25.212	4.4.4	V6.1.0	Samsung Electronics Corporation	1999-0005263	0433910	power control apparatus and method for inter-frequency handoff in cdma communication system	KOREA (REPUBLIC OF)	25788/00 2328352 800572.9 904116.1 20023805.1 904116.1 904116.1 904116.1 904116.1 2000/00398 904116.1 2000-599153 904116.1 503764 00/00114	AUSTRALIA CANADA CHINA GERMANY GERMANY European Patent Office FINLAND FRANCE UNITED KINGDOM INDIA ITALY JAPAN SWEDEN UNITED STATES PCT



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UMTS	3GPP TS 25.423	8.2.1.2	V6.15.0	Samsung Electronics Corporation	2005-104634		Uplink signaling transfer procedure	KOREA (REPUBLIC OF)	06/417213	UNITED STATES
UMTS	3GPP TS 25.423	8.2.12	V6.13.0	Samsung Electronics Corporation	0612631.2		MBMS enhancements to improve Mobile TV support	UNITED KINGDOM	06009254.1 07013313.7	European Patent Office European Patent Office
UMTS	3GPP TS 36.211	5.3.4.1	V1.0.1	Samsung Electronics Corporation	2005-0103554		APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING DATA IN A MULTI- ANTENNA COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	07012451.6 0712436.5 768,579 KR2007/003093 WO2006-004491	European Patent Office UNITED KINGDOM UNITED STATES PCT PCT
UMTS	3GPP TS 36.212	5.1.4.1.3	V1.3.0	Samsung Electronics Corporation	2002-0007493	0438448	Apparatus and method for generating code in communication system	KOREA (REPUBLIC OF)	06022705.5 95140247 589,985 2002233774 2003252889 0204043-3 2405119 02800733.6 200310102732.3	European Patent Office Taiwan UNITED STATES AUSTRALIA AUSTRALIA BRAZIL CANADA CHINA CHINA
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UMTS	3GPP TS 36.211	5.4.3	V1.0.3	Samsung Electronics Corporation	US 11/646852				0328730.7	UNITED KINGDOM
UMTS	3GPP TS 36.211	6.3.4.3.	V1.0.3	Samsung Electronics Corporation	US 11/896,114				2002/00975	INDIA
UMTS	3GPP TS 25.212	4.3.3	V7.1.0	Samsung Electronics Corporation	2000-0039433	0342556	apparatus and method for encoding/decoding transport format combination indicator in cdma mobile communication system		01266/DEL/2003	INDIA
									02003369.2	ITALY
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									2004-011127	JAPAN
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	00944446.4	NETHELAND

UMTS	3GPP TS 25.212	4.2.2	V7.1.0	Samsung Electronics Corporation	1999-0011307	0299132	TURBO ENCODING/DECODING DEVICE AND METHOD FOR PROCESSING FRAME DATA ACCORDING TO QOS	KOREA (REPUBLIC OF)	04016750.4 00944446.4 04016750.4 00944446.4 04016750.4 W00200200030 147346 2002/0008/Del 639/DELNP/2005 508108/2001 163765/2004 163766/2004 163767/2004 163768/2004 00944446.4 04016750.4 P352897 2002100061 611,069 006,388 00/00731 2002/0091 30568/99 99912135.3 2291109 99800417.0 03107664.5 99912135.3 29924421.0	NETHELAND PORTUGAL PORTUGAL SWEDEN SWEDEN INDONESIA ISREAL INDIA INDIA JAPAN JAPAN JAPAN JAPAN JAPAN MONACO MONACO POLAND RUSSIAN FEDERATION UNITED STATES UNITED STATES PCT The republic of South Africa AUSTRALIA BRAZIL CANADA CHINA CHINA GERMANY GERMANY
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UMTS	3GPP TS 25.212	4.4.4	V8.0.0	Samsung Electronics Corporation	1998-0051889	0377594	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	99912135.3	European Patent Office
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AUSTRALIA	2004216584							AUSTRALIA
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CHINA	2.0041E+11							CHINA
European Patent Office	4023415.5							European Patent Office
UMTS	3GPP TS 25.346	8.3.2 8.3.3	V6.1.0	Samsung Electronics Corporation	2003-0068953	0689390	method for transmitting/receiving service availability information of multimedia broadcasting/multicast service	KOREA (REPUBLIC OF)



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									592/KOL/2004	INDIA
									290420/2004	JAPAN
									957779	UNITED STATES
UMTS	3GPP TS 25.331	8.5.27	V8.0.0	Samsung Electronics Corporation	2004-0062545	0689471	METHOD AND APPARATUS FOR DISTINGUISHING BETWEEN SERVICES OF ALL FREQUENCY BANDS AND SPECIFIC FREQUENCY BAND	KOREA (REPUBLIC OF)	5017336.8	European Patent Office
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									989233	UNITED STATES
UMTS	3GPP TS 25.331	10.3.6.79	V8.0.0	Samsung Electronics Corporation	2001-0071650	0433903	Apparatus and method for measuring propagation delay in an nb-tdm cdma mobile communication system	KOREA (REPUBLIC OF)		

UMTS	3GPP TS 36.211	5	V2.0.0	Samsung Electronics Corporation	2005-0037294	724949	METHOD AND APPARATUS FOR MULTIPLEXING DATA AND CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEMS BASED ON FREQUENCY DIVISION MULTIPLE ACCESS	KOREA (REPUBLIC OF)	01/01971	2006201869 200610084158.7 6009140.2 409/KOL/06 129660/2006 2006115276 416.393	PCT AUSTRALIA CHINA European Patent Office INDIA JAPAN RUSSIAN FEDERATION UNITED STATES						
UMTS	3GPP TS 36.211	5	V2.0.0	Samsung Electronics Corporation	2006-0057693		METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING UPLINK SIGNALING INFORMATION IN A SINGLE CARRIER FDMA SYSTEM	KOREA (REPUBLIC OF)	7100112.7 650896 KR2007/000029	European Patent Office UNITED STATES PCT							
UMTS	3GPP TS 36.212	5.3.4.1	V2.0.0	Samsung Electronics Corporation	US 60/929,791		Transmit Methods for CCFI/PCFICH in a Wireless Communication System	UNITED STATES									
UMTS	3GPP TS 36.212	5.1.1	V2.0.0	Samsung Electronics Corporation	US 60/929,790		Methods and Apparatus to Compute CRC for Multiple Code Blocks	UNITED STATES									
UMTS	3GPP TS 36.212	5.1.1	V2.0.0	Samsung Electronics Corporation	US 60/960,161		Methods and Apparatus to Generate Multiple CRC's	UNITED STATES									
UMTS	3GPP TS 25.212	4.2.3	V7.1.0	Samsung Electronics Corporation	1997-0060101	0454952	ADAPTIVE CHANNEL ENCODING METHOD AND DEVICE	KOREA (REPUBLIC OF)	PI9811299-6 2295791 98807352.8 2147194 98935383.4 98935383.4	BRAZIL CANADA CHINA CHINA GERMANY European Patent Office European Patent Office Spain FRANCE							



									98935383.4	UNITED KINGDOM
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									2000102353	RUSSIAN FEDERATION
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									99925431.1	SWEDEN

DEVICE AND METHOD FOR CHANNEL CODING AND RATE MATCHING IN A COMMUNICATION SYSTEM

Samsung Electronics Corporation

V3.2.0

4.2.3

3GPP TS 25.212

UMTS

0334819

1999-0020857

KOREA (REPUBLIC OF)



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UMTS	3GPP TS 25.212	4.5.4.3 4.8.4.3	V6.2.0	Samsung Electronics Corporation	2001-0064967	Apparatus and method for performing coding and rate matching in a CDMA mobile communication system	KOREA (REPUBLIC OF)	326,891	UNITED STATES
								967,119	UNITED STATES
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								2002301551	AUSTRALIA
								2151854.8	CHINA
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								2002-306291	JAPAN
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								200510092356.3	CHINA
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								5015482.2	UNITED KINGDOM
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								5015482.2	ITALY
								209098/2005	JAPAN
UMTS	3GPP TS 25.309 3GPP TS 25.331	10.3.5.1b	V7.4.0	Samsung Electronics Corporation	2005-0020752	METHOD AND APPARATUS FOR PERFORMING AUTONOMOUS TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM FOR SUPPORTING AN ENGANCED UPLINK DEDICATED CHANNEL	KOREA (REPUBLIC OF)		



UMTS	3GPP TS 25.212	4.2.7.1 4.2.7.3	V3.2.0	Samsung Electronics Corporation	2000-0038716	0357868	Rate matching device and method for a data communication system	KOREA (REPUBLIC OF)	2005122724	RUSSIAN FEDERATION
									5015482.2	SWEDEN
									183.252	UNITED STATES
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UMTS	3GPP TS 25.212	4.2.7.1 4.2.7.3	V3.2.0	Samsung Electronics Corporation	2000-0039158	0334770	Apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system	KOREA (REPUBLIC OF)	ISREAL	141800	ISREAL
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									CANADA	2342939	CANADA



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171839/2004	JAPAN
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942500	Monaco
942500	NETHELAND
P346622	POLAND
942500	PORTUGAL
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942500	SWEDEN
613,068	UNITED STATES
29,790	UNITED STATES
00/00739	PCT



UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2004-0039341	0487202	Apparatus and method for transporting/receiving data in a CDMA mobile communication system	KOREA (REPUBLIC OF)	2001/1935	The republic of South Africa
UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2001-0067694	0474682	Transmitting/receiving apparatus and method for packet retransmission in a mobile communication system	KOREA (REPUBLIC OF)	31396/02 2003259591 2,380,142 2120089 20221559.8 2007674.1 101846/2002 267431/2005 114,508 2002301670 2410107 2154261.5 200510055804.2 10250867.4 20021932 213688 224809.4 325480.2 MI2002A002326 316689/2002 281,719 2002301480 2408452 2160221.2 10248446.5 223969.7 303636/2002	AUSTRALIA AUSTRALIA CANADA CHINA GERMANY European Patent Office JAPAN JAPAN UNITED STATES AUSTRALIA CANADA CHINA CHINA GERMANY FINLAND FRANCE UNITED KINGDOM UNITED KINGDOM ITALY JAPAN UNITED STATES AUSTRALIA CANADA CHINA GERMANY UNITED KINGDOM JAPAN
UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2001-0064114	0526525	TRANSMISSION/RECEIVING APPARATUS AND METHOD FOR PACKET RETRANSMISSION IN A MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)		



UMTS	3GPP TS 25.212	4.5.6	V6.2.0	Samsung Electronics Corporation	2001-0064742					273,096	UNITED STATES
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UMTS	3GPP TS 25.213	5.2.3.2	V3.2.0	Samsung Electronics Corporation	2000-0023179	0369791	apparatus and method for synchronizing channels in a w- cdma communication system	KOREA (REPUBLIC OF)	91,265 00/00916 2906/2001 44360/00 2,334,898 800713.6 925712.2 925712.2 925712.2 2000-616143 562,381 440,402 00/00408 44358/00 2335028 800688.1 925710.6 925710.6 925710.6 616140/2000 560,732 00/00405 37357/99 PI9606437-5 2295555	UNITED STATES PCT The republic of South Africa AUSTRALIA CANADA CHINA GERMANY European Patent Office FRANCE UNITED KINGDOM JAPAN UNITED STATES UNITED STATES PCT AUSTRALIA CANADA CHINA GERMANY European Patent Office FRANCE UNITED KINGDOM JAPAN UNITED STATES PCT AUSTRALIA BRAZIL CANADA
UMTS	3GPP TS 25.213	5.2.3.2	V3.2.0	Samsung Electronics Corporation	1999-0015224	0421142	cell search apparatus and method in asynchronous communication system	KOREA (REPUBLIC OF)		
UMTS	3GPP TS 25.331	8.6.6.24	V3.2.0	Samsung Electronics Corporation	1998-0017277	0308900	Handoff method in a mobile communication system supporting transmission	KOREA (REPUBLIC OF)		



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UMTS	3GPP TS 25.212	4.2.3	V3.2.0	Samsung Electronics Corporation	1998-0059068	0350459	interleaving/deinterleaving device and method for communication system	KOREA (REPUBLIC OF)	99800739	CHINA		
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UMTS	3GPP TS 36.211			Samsung Electronics Corporation	US 60/963,681		Pilot Boosting and Traffic to Pilot Ratio Estimation in a Wireless Communication System	UNITED STATES	US 60/963,681	UNITED STATES		
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UMTS	3GPP TS 25.211	5.3.1	V7.4.0	Samsung Electronics Corporation	1998-0005526	7072324	DEVICE AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)				



UMTS	3GPP TS 25.413	8	V7.8.0	Samsung Electronics Corporation	2005-7024473			Method for Initiating Uplink Signaling Proactively by MBMS UE	KOREA (REPUBLIC OF)	99120704	RUSSIAN FEDERATION
UMTS	3GPP TS 25.331	8.7.1 Reception of MBMS control information	V8.0.0	Samsung Electronics Corporation	2006-7013356			METHOD FOR TRANSMITTING MESSAGES RELATED TO A BROADCAST OR MULTICAST SERVICE IN A CELLULAR COMMUNICATIONS SYSTEM	KOREA (REPUBLIC OF)	2005204205 2544270 200580001283.0 112005000081.8 2006-549112	AUSTRALIA CANADA CHINA GERMANY JAPAN UNITED STATES PCT
UMTS	3GPP TS 25.331	10.2.16e	V6.7.0	Samsung Electronics Corporation	2006-7018540			A method of transmitting information related to a multicast service in a mobile telecommunications network	KOREA (REPUBLIC OF)	200580009260.4 05006653.9 06016722.8 06016721.0 2007-504885	CHINA European Patent Office European Patent Office European Patent Office JAPAN UNITED STATES PCT
UMTS	3GPP TS 25.213	5.2.2	V7.4.0	Samsung Electronics Corporation	2000-0038991	0374354		Apparatus and method for generating scrambling code in units mobile communication system	KOREA (REPUBLIC OF)	089,194 2005/000845 942496.1 3027777.6 57108/00 942496.1	EUROPEAN PATENT OFFICE EUROPEAN PATENT OFFICE EUROPEAN PATENT OFFICE AUSTRIA AUSTRIA AUSTRALIA Belgium

UMTS	3GPP TS 25.401	5.3.4.1	V1.2.1	Samsung Electronics Corporation	CN 200510099961.3	LTE Fast call access	CHINA			942496.1	IRELAND
UMTS	3GPP TS	20.2.3	V8.1.0	Samsung	CN	A method to introduce new	CHINA			141787	ISREAL
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	36.300	9.2.2	V7.5.0	Electronics Corporation	200410070847.3	identifier for MBMS service		
UMTS	3GPP TS 23.060	9.2.2	V7.5.0	Samsung Electronics Corporation	CN 200610074592.7	A method for Setup and update one tunnel transmission	CHINA	33460/99 AUSTRALIA PT9906358-1 BRAZIL 2,291,696 CANADA 99800556.8 CHINA 03127722.5 CHINA 99914797.8 European Patent Office 04003085.0 European Patent Office 357/Cal/99 INDIA 797/KOL/05 INDIA 552819/1999 JAPAN 99126707 RUSSIAN FEDERATION 294,658 UNITED STATES 99/00187 PCT 2003235065 AUSTRALIA 03127276.2 CHINA 03018454.3 European Patent Office 06016720.2 European Patent Office 2003-293551 JAPAN 2003125333 RUSSIAN FEDERATION 641,500 UNITED STATES
UMTS	3GPP TS 25.211	4.2.3	V3.5.0	Samsung Electronics Corporation	1998-0032471 0338663	Channel encoding device and method for communication system	KOREA (REPUBLIC OF)	
UMTS	3GPP TS 25.346	7.2.1	V2.0.0	Samsung Electronics Corporation	2002-0048610	METHOD OF TRANSMITTING/RECEIVING CONTROL MESSAGE IN A MOBILE COMMUNICATION SYSTEM PROVIDING MULTIMEDIA BROADCAST/MULTICAST SERVICE	KOREA (REPUBLIC OF)	



UMTS	3GPP TS 25.321	9.2.5.3.2	V6.1.0	Samsung Electronics Corporation	2003-0059172		METHOD AND APPARATUS FOR SCHEDULING ASSIGNMENT OF UPLINK PACKET TRANSMISSION IN MOBILE TELECOMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	2004205233 2006209364 2007211868 200410095124.9 200710003923.2 04020292.1 07000909.7 513/kol/2004 245851/2004 925,619 200580030873.6 05019896.9 06026495.9 2007-520242 225,008 2005/003025 33460/99 PI9906358-1 2,291,696 99800556.8 03127722.5 99914797.8 04003085.0 357/Cal/99 797/KOL/05 552819/1999	AUSTRALIA AUSTRALIA AUSTRALIA CHINA CHINA European Patent Office European Patent Office INDIA JAPAN UNITED STATES CHINA European Patent Office European Patent Office JAPAN UNITED STATES PCT AUSTRALIA BRAZIL CANADA CHINA CHINA European Patent Office European Patent Office INDIA INDIA JAPAN
UMTS	3GPP TS 25.331	8.6.9.6	V6.1.0	Samsung Electronics Corporation	2004-0077582		METHOD AND APPARATUS FOR INDICATING CELL SELECTION WHEN A SESSION IS STOPPED IN A BROADCAST/MULTICAST SERVICE SYSTEM	KOREA (REPUBLIC OF)		
UMTS	3GPP TS 25.211	4.2.3	V3.5.0	Samsung Electronics Corporation	1998-0032471	0338663	Channel encoding device and method for communication system	KOREA (REPUBLIC OF)		



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UMTS	3GPP TS 36.323	5.5	V8.0.0	Samsung Electronics Corporation	2006-0101842		METHOD AND APPARATUS FOR PERFORMING HANDOVER USING PACKET DATA CONVERGENCE PROTOCOL(PDCCP) REORDERING IN MOBILE COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	99126707 294,658 99/00187 KR2007/005152	RUSSIAN FEDERATION UNITED STATES PCT PCT
UMTS	3GPP TS 36.212	5.2.2.6	V8.1.0	Samsung Electronics Corporation	US 60/969,659			UNITED STATES		
UMTS	3GPP TS 25.423	8.2.1	V6.11.0	Samsung Electronics Corporation	GB 0621586.7			UNITED KINGDOM		
UMTS	3GPP TS 25.212	4.2.3.2	V8.0.0	Samsung Electronics Corporation	2000-0027143	0330234	turbo interleaving apparatus and method	KOREA (REPUBLIC OF)	00927908.4 46213/00 00927908.4 2337918 00927908.4 00801429.9 200310104317.1 200310104318.6 200310104319.0 200310104320.3 200310104321.8 00927908.4 00927908.4 20023169.3 20023803.5 00927908.4	AUSTRIA AUSTRALIA BELGIUM CANADA SWISS CHINA CHINA CHINA CHINA CYPRUS GERMANY GERMANY GERMANY Denmark



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									200610137570.0	CHINA
UMTS	3GPP TS 25.222	4.3.1.2	V7.5.0	Samsung Electronics Corporation	2001-0049821	0593618	Channel coding/decoding apparatus and method for a cdma mobile communication system	KOREA (REPUBLIC OF)		
UMTS	3GPP TS 25.224	5.5.1.1	V7.5.0	Samsung Electronics Corporation	2001-0061544	0421139	tstd apparatus and method for a tdd cdma mobile communication system	KOREA (REPUBLIC OF)		
UMTS	3GPP TS	8.6	V8.1.0	Samsung	2006-0038753		METHOD AND APPARATUS	KOREA		



UMTS	3GPP TS 25.211	5.2.1	V3.6.0	Samsung Electronics Corporation	1998-0036680	0401211	FOR INTERWORKING VOICE AND MULTIMEDIA SERVICES BETWEEN CSI TERMINAL AND IMS TERMINAL	(REPUBLIC OF)	06016031.4	European Patent Office
UMTS	3GPP TS 25.211	5.3.3.4	v670	Samsung Electronics Corporation	1999-0011695	0330216	DEVICE AND METHOD FOR ASSIGNING SPREADING CODE FOR REVERSE COMMON CHANNEL IN CDMA COMMUNICATION SYSTEM	KOREA (REPUBLIC OF)	07017902.3	European Patent Office
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UMTS	3GPP TS 25.212	4.2.6	V8.0.0	Samsung Electronics Corporation	2000-0035454	0383602	apparatus and method for channel coding and multiplexing in cdma communication system	KOREA (REPUBLIC OF)		



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