

# EXHIBIT 1



## IPR INFORMATION STATEMENT AND LICENSING DECLARATION

**IPR Holder/Organisation**Legal Name: **Samsung Electronics Corporation****Signatory**

Name: Kyong-Joon, Chun

Position: Executive Vice President

Department: **Telecommunication R&D Centre**Address: **Suwon P.O.BOX 105****416 Maetan-3dong, Paldal-gu, Suwon-si Gyeonggi-do, Korea 442-742**Tel.: **82-31-279-5041**Fax: **82-31-279-6974**E-mail: **xhpark@samsung.com****IPR information statement**

In accordance with the ETSI IPR Policy, Article 4.1, I hereby inform ETSI that,

with reference to ETSI Standard No. **ETSI TS 100. xxx, ETSI TS 25.xxx, ETSI TS34. xxx (see the exact numbers of ETSI Standards No in ANNEX 2)**

it is my belief that the IPRs listed in Annex 2 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 Annex 2 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 licenses 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.

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

**Place, Date:**

2003-09-18

**Signature:**

(Signed for and on behalf of the SIGNAT

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



Project	Company	Patent title	Country of registration	ETSI Standard No. (e.g. TS XXX XXX V0.0.0)	Application No.	Patent No.	Countries applicable
GSM /3GPP	Samsung Electronics	VERFAHREN ZUR QUELLENGESTEUERTEN KANALDECODIERUNG DURCH ERWEITERUNG DES VITERBI- ALGORITHMUS	Germany	ETSI TS 100 573 V8.7.0	<b>DE 4224214.2</b>	<b>DE 42 24 214</b>	DE
GSM /3GPP	Samsung Electronics	PROCEDE DE DECODAGE DE CANAUX AVEC COMMANDE A LA SOURCE PAR ELARGISSEMENT DE L'ALGORITHME DE VITERBI ET UTILISATION DE CE PROCEDE	France	ETSI TS 100 573 V8.7.0	93 09049	FR 2694647	FR
GSM /3GPP	Samsung Electronics	METHOD FOR SOURCE- CONTROLLED CHANNEL DECODING BY EXPANDING THE VITERBI ALGORITHM	U.S.A	ETSI TS 100 573 V8.7.0	08/095708	US 5,511,081	US
GSM /3GPP	Samsung Electronics	VERFAHREN ZUM VERALLGEMEINERN DES VITERBI- ALGORITHMUS UND EINRICHTUNGEN ZUR DURCHFUEHRUNG DES VERFAHRENS	Germany	ETSI TS 100 573 V8.7.0 ETSI TS 100 908 V8.9.0 ETSI TS 100 910 V8.9.0	<b>DE 3910739.6</b>	<b>DE 3910739</b>	DE
GSM /3GPP	Samsung Electronics	METHOD FOR GENERALIZING THE VITERBI ALGORITHM AND DEVICES FOR EXECUTING THE METHOD	U.S.A.	ETSI TS 100 573 V8.7.0 ETSI TS 100 908 V8.9.0 ETSI TS 100 910 V8.9.0	07/504357	US 5181209	US
GSM, /3GPP	Samsung Electronics	METHOD FOR GENERALIZING THE VITERBI ALGORITHM AND DEVICES FOR EXECUTING THE METHOD	France	ETSI TS 100 573 V8.7.0 ETSI TS 100 908 V8.9.0 ETSI TS 100 910 8.9.0	90106375.0	FR EP 0 391 354	FR

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GSM /3GPP	Samsung Electronics	METHOD FOR GENERALIZING THE VITERBI ALGORITHM AND DEVICES FOR EXECUTING THE METHOD	England	ETSI TS 100 573 V8.7.0 ETSI TS 100 908 V8.9.0 ETSI TS 100 910 8.9.0	90106375.0	GB EP 0 391 354	GB
GSM /3GPP	Samsung Electronics	METHOD FOR GENERALIZING THE VITERBI ALGORITHM AND DEVICES FOR EXECUTING THE METHOD	Sweden	ETSI TS 100 573 V8.7.0 ETSI TS 100 908 V8.9.0 ETSI TS 100 910 8.9.0	90106375.0	SE EP 0 391 354	SE
GSM /3GPP	Samsung Electronics	METHOD AND APPARATUS FOR CORRECTING BITTER ALGORITHM	Japan	ETSI TS 100 573 V8.7.0 ETSI TS 100 908 V8.9.0 ETSI TS 100 910 8.9.0	02-089006	JP 2 533 219	JP
GSM /3GPP	Samsung Electronics	METHOD AND ITS DEVICE DEMODULATING GAUSSIAN FILTERED MINIMUM SHIFT KEYING	KR	ETSI TS 100 959 V8.4.0 GSM 05.04 V8.4.0	1990-0022760	KR 1995- 0003666	KR
GSM /3GPP	Samsung Electronics	METHOD AND APPARATUS FOR DEMODULATING A GMSK SIGNAL	US	ETSI TS 100 959 V8.4.0 GSM 05.04 V8.4.0	723278	US 5144256	US
GSM /3GPP	Samsung Electronics	GMSK SIGNAL DEMODULATION METHOD AND ITS DEVICE	JP	ETSI TS 100 959 V8.4.0 GSM 05.04 V8.4.0	<b>1991000127959</b>	JP 6021982	JP

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Project	Company	Patent Title	Country of Registration	ETSI Standard No.	Application No.	Patent No.	Countries applicable
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM		TS 25.212	5420		MX
3GPP	Samsung Electronics	tstd transmitter for limiting transmission power of antenna and controlling method thereof for base station in mobile communication		TS 25.211	36375		IN
3GPP	Samsung Electronics	apparatus and method for generating sync word and transmitting and receiving the sync word in w-cdma communication system		TS 25.213	36675		AU
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	141743		IL
3GPP	Samsung Electronics	method and apparatus for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	148656		IL
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM		TS 25.212	206056	6154652	US
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM		TS 25.211	253976		US
3GPP	Samsung Electronics	channel encoding device and method for communication system		TS 25.212	294658	6437714	US
3GPP	Samsung Electronics	tstd transmitter for limiting transmission power of antenna and controlling method thereof for base station in mobile communication		TS 25.211	365797	6529496	US
3GPP	Samsung Electronics	PN SEQUENCE IDENTIFYING DEVICE IN CDMA COMMUNICATION SYSTEM		TS 25.211	386062		US
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system		TS 25.211	475684		US
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method		TS 25.211	543792		US
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	613068		US
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	726147		US
3GPP	Samsung Electronics	method and apparatus for controlling a demultiplexer and a multiplexer used for rate		TS 25.212	801453.1		CN

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		matching in a mobile communication system					
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	TS 25.211	2282431	2282431		CA
3GPP	Samsung Electronics	channel encoding/decoding APPARATUS AND METHOD FOR COMMUNICATION SYSTEM	TS 25.212	2292568			CA
3GPP	Samsung Electronics	PN SEQUENCE IDENTIFYING DEVICE IN CDMA COMMUNICATION SYSTEM	TS 25.211	2306509			CA
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method	TS 25.211	2368027			CA
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system	TS 25.331 TS 25.430 TS 25.211	2392886			CA
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system	TS 25.213	2397428			CA
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system	TS 25.212	20023165	20023165.0		DE
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	TS 25.211	29924415.6	29924415.6		DE
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	TS 25.212	87120221	120384		TW
3GPP	Samsung Electronics	METHOD AND APPARATUS FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	TS 25.212	98811857.2			CN
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	TS 25.212	98959257.1			EP
3GPP	Samsung Electronics	METHOD AND DEVICE FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	TS 25.211	99120704	2173500		RU
3GPP	Samsung Electronics	METHOD AND APPARATUS FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	TS 25.211	99800097.3			CN
3GPP	Samsung Electronics	method and device for channel encoding/decoding FOR COMMUNICATION SYSTEM	TS 25.212	99800575.4			CN
3GPP	Samsung Electronics	tstd transmitter for limiting transmission power of antenna and controlling method thereof for base station in mobile communication	TS 25.211	99801239.4	ZL99801239.4		CN
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system	TS 25.211	99815196.3			CN
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	TS 25.211	99905352.3			EP

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3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system		TS 25.211	99962545.2		EP
3GPP	Samsung Electronics	tstd transmitter for limiting transmission power of antenna and controlling method thereof for base station in mobile communication		TS 25.211	2000108452	2174286	RU
3GPP	Samsung Electronics	PN SEQUENCE IDENTIFYING DEVICE IN CDMA COMMUNICATION SYSTEM		TS 25.211	2000111515	2193277	RU
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM		TS 25.212	2000114179	2198477	RU
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	2001106655	2201651	RU
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system		TS 25.211	2001117856		RU
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	2002110279		RU
3GPP	Samsung Electronics	method and device for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	2002113927		RU
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system		TS 25.213	2002300503		AU
3GPP	Samsung Electronics	device and method for implementing handoff in mobile communication system with short sync channel		TS 25.214	0006167-0		BR
3GPP	Samsung Electronics	device and method for channel coding and multiplexing in cdma communication system		TS 25.212	0006859-4		BR
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	0006890-0		BR
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in unts mobile communication system		TS 25.213	0006898-5		BR
3GPP	Samsung Electronics	device and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	0006919-1		BR
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method		TS 25.211	0009376.9		BR
3GPP	Samsung Electronics	device and method for gated transmission in cdma communication system		TS 25.214	0011054-0		BR
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	0016008-3		BR
3GPP	Samsung Electronics	device and method for generating sync word and transmitting and receiving the sync word in w-cdma communication system		TS 25.213	006151-4		BR

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3GPP	Samsung Electronics	method and device for implementing handoff in mobile communication system with short sync channel		TS 25.214	00800886.8		CN
3GPP	Samsung Electronics	method and apparatus for channel coding and multiplexing in cdma communication system		TS 25.212	00801160.5		CN
3GPP	Samsung Electronics	device and method for generating sync word and transmitting and receiving the sync word in w-cdma communication system		TS 25.213	00801168.0		CN
3GPP	Samsung Electronics	turbo interleaving apparatus and method		TS 25.212	00801429.9		CN
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method		TS 25.211	00805575.0		CN
3GPP	Samsung Electronics	method and device for gated transmission in a cdma communication system		TS 25.214	00806189.0		CN
3GPP	Samsung Electronics	cell search apparatus and method in cdma mobile communication system		TS 25.214	00806632.9		CN
3GPP	Samsung Electronics	device and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	00818399.6		CN
3GPP	Samsung Electronics	method and apparatus for gated transmission in cdma communication system		TS 25.214	00818719.3		CN
3GPP	Samsung Electronics	apparatus and method for gated transmission in a cdma communication system		TS 25.214	00921136.8		EP
3GPP	Samsung Electronics	cell search apparatus and method in cdma mobile communication system		TS 25.214	00921160.8		EP
3GPP	Samsung Electronics	apparatus and method for synchronizing channels in a w-cdma communication system		TS 25.214	00925712.2		EP
3GPP	Samsung Electronics	turbo interleaving apparatus and method		TS 25.212	00927908.4		EP
3GPP	Samsung Electronics	apparatus and method for generating sync word and transmitting and receiving the sync word in w-cdma communication system		TS 25.213	00935677.5		EP
3GPP	Samsung Electronics	apparatus and method for implementing handoff in mobile communication system with short sync channel		TS 25.214	00935686.6		EP
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	00940975.6		EP
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system		TS 25.213	00942496.1		EP
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	00942500.0		EP
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	00944447.2		EP

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3GPP	Samsung Electronics	device and method for gated transmission in a cdma communication system		TS 25.214	009713-6		BR
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	00981895.6		EP
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	01800233.1		CN
3GPP	Samsung Electronics	Method For Measuring Confusion Rate Of a Common Packet Channel In a CDMA Communication System		TS 25.433 TS 25.302	01800858.5		CN
3GPP	Samsung Electronics	device and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.922 TS 25.433	01807152.X		CN
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	01908412.8		EP
3GPP	Samsung Electronics	Method For Measuring Confusion Rate Of a Common Packet Channel In a CDMA Communication System		TS 25.433 TS 25.302	01922112.6		EP
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system		TS 25.213	0202405-7		SE
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system		TS 25.213	0210215		FR
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR ADAPTIVE CHANNEL ENCODING		TS 25.212	02147194.4		CN
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system		TS 25.213	02151853.X		CN
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system		TS 25.213	0218506.4		GB
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	03003595.0		EP

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3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system	TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	03003596.8		EP
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos	TS 25.212	03007405.8		EP
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos	TS 25.212	03107664.5		CN
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system	TS 25.213	10236913.5		DE
3GPP	Samsung Electronics	ADAPTIVE CHANNEL ENCODING METHOD AND DEVICE	TS 25.212	126250	6289486	US
3GPP	Samsung Electronics	device and method for cancelling code interference in cdma communication system	TS 25.213	134887		IL
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER	TS 25.212	135,676		IL
3GPP	Samsung Electronics	apparatus and method for turbo interleaving	TS 25.212	140661		IL
3GPP	Samsung Electronics	method and device for channel coding and multiplexing in cdma communication system	TS 25.212	141461		IL
3GPP	Samsung Electronics	method and apparatus for generating scrambling code in unts mobile communication system	TS 25.213	141787		IL
3GPP	Samsung Electronics	rate matching device and method for a data communication system	TS 25.212	141800		IL
3GPP	Samsung Electronics	method and apparatus for gated transmission in a cdma communication system	TS 25.214	145548		IL
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	TS 25.212	15095/99	739527	AU
3GPP	Samsung Electronics	METHOD FOR CONNECTING MOBILE STATIONS TO BASE STATION IN RADIO COMMUNICATION SYSTEM	TS 25.214	152,562	6,188,910	US
3GPP	Samsung Electronics	interleaving/deintereaving device and method for communication system	TS 25.212	16956/00	738762	AU
3GPP	Samsung Electronics	rate matching device and method for a data communication system	TS 25.212	1865/2001	2001/1865	ZA
3GPP	Samsung Electronics	interleaving/deintrleaving device and method for communication system	TS 25.211	18946/2000		AU
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system	TS 25.211	18958/00		AU

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3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system	TS 25.331 TS 25.430 TS 25.211	19000/01		AU
3GPP	Samsung Electronics	channel encoding device and method for communication system	TS 25.212	2,291,696		CA
3GPP	Samsung Electronics	DEVICE AND METHOD FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER	TS 25.212	2,306,367		CA
3GPP	Samsung Electronics	turbo interleaving apparatus and method	TS 25.212	2,337,918		CA
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system	TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	2,370,670		CA
3GPP	Samsung Electronics	interleaving/deintereaving device and method for communication system	TS 25.212	2000/00230		IN
3GPP	Samsung Electronics	apparatus and method of puncturingfor turbo encoder in mobile communication system	TS 25.211	2000/00282		IN
3GPP	Samsung Electronics	apparatus and method of channel coding for rate matching	TS 25.212	2000102349		RU
3GPP	Samsung Electronics	apparatus and method for cancelling code interference in cdma communication system	TS 25.213	2000105882		RU
3GPP	Samsung Electronics	METHOD FOR CHANNEL ENCODING/DECODING IN COMMUNICATION SYSTEM	TS 25.212	2000108450	2190929	RU
3GPP	Samsung Electronics	METHOD AND APPARATUS FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER	TS 25.212	2000109978	2190296	RU
3GPP	Samsung Electronics	AFC DEVICE AND METHOD OF CONTROLLING RECEPTION FREQUENCY IN A DUAL-MODE TERMINAL	TS 34.108	2000111554		RU
3GPP	Samsung Electronics	interleaving/deintereaving device and method for communication system	TS 25.212	2000121962		RU
3GPP	Samsung Electronics	method and device of puncturing for turbo encoder in mobile communication system	TS 25.211	2000122734	2185025	RU
3GPP	Samsung Electronics	turbo interleaving apparatus and method	TS 25.212	2001/00083		IN
3GPP	Samsung Electronics	method and apparatus for generating sync word and transmitting and receiving the sync word in w-cdma communication system	TS 25.213	2001/00104		IN
3GPP	Samsung Electronics	apparatus and method for implementing handoff in mobile communication system with short sync channel	TS 25.214	2001/00122		IN
3GPP	Samsung Electronics	device and method for channel coding and multiplexing in cdma communication	TS 25.212	2001/00221		IN

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		system				
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	2001/00258	IN
3GPP	Samsung Electronics	method and device for generating scrambling code in umts mobile communication system		TS 25.213	2001/00264	IN
3GPP	Samsung Electronics	method and apparatus for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	2001/00268	IN
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system		TS 25.211	2001/00503/ DEL	IN
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method		TS 25.211	2001/00849/ Del	IN
3GPP	Samsung Electronics	device and method for gated transmission in a cdma communication system		TS 25.214	2001/00851/ Del	IN
3GPP	Samsung Electronics	method and device for gated transmission in cdma communication system		TS 25.214	2001/01014	IN
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	2001/1530	2001/1530 ZA
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system		TS 25.213	2001/1908	2001/1908 ZA
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	2001/1935	2001/1935 ZA
3GPP	Samsung Electronics	device and apparatus for turbo interleaving		TS 25.212	2001101916	RU
3GPP	Samsung Electronics	method and device for channel coding and multiplexing in cdma communication system		TS 25.212	2001105192	RU
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	2001106625	RU
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system		TS 25.213	2001106659	2185031 RU
3GPP	Samsung Electronics	apparatus and method for gated transmission in a cdma communication system		TS 25.214	2001127670	RU
3GPP	Samsung Electronics	method and device for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	2002/00501	IN
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	2002/5150	ZA

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3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system	TS 25.213	20021460		FI
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system	TS 25.213	20023092.1	20023092.1	DE
3GPP	Samsung Electronics	turbo interleaving apparatus and method	TS 25.212	20023169.3	20023169.3	DE
3GPP	Samsung Electronics	rate matching device and method for a data communication system	TS 25.212	20023175.8		DE
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system	TS 25.212	20023176.6	20023176.6	DE
3GPP	Samsung Electronics	channel encoding/decoding APPARATUS AND METHOD FOR COMMUNICATION SYSTEM	TS 25.212	209114		US
3GPP	Samsung Electronics	METHOD AND DEVICE FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	TS 25.212	2134/Cal/98		IN
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system	TS 25.213	218,158		US
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos	TS 25.212	2291109		CA
3GPP	Samsung Electronics	ADAPTIVE CHANNEL ENCODING METHOD AND DEVICE	TS 25.212	2295791		CA
3GPP	Samsung Electronics	device and method for cancelling code interference in cdma communication system	TS 25.213	2302340		CA
3GPP	Samsung Electronics	AFC DEVICE AND METHOD OF CONTROLLING RECEPTION FREQUENCY IN A DUAL-MODE TERMINAL	TS 34.108	2308621	2308621	CA
3GPP	Samsung Electronics	apparatus and method for synchronizing channels in a w-cdma communication system	TS 25.214	2334898		CA
3GPP	Samsung Electronics	apparatus and method for implementing handoff in mobile communication system with short sync channel	TS 25.214	2337917		CA
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system	TS 25.213	235010/2002		JP
3GPP	Samsung Electronics	cell searchapparatus and method in cdma mobile communication system	TS 25.214	2371205		CA
3GPP	Samsung Electronics	apparatus and method for gated transmission in a cdma communication system	TS 25.214	2371958		CA
3GPP	Samsung Electronics	Method For Measuring Confusion Rate Of a Common Packet Channel In a CDMA Communication System	TS 25.433 TS 25.302	2372557		CA
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM	TS 25.211	25510/99	730798	AU

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3GPP	Samsung Electronics	METHOD FOR CONNECTING MOBILE STATIONS TO BASE STATION IN A RADIO COMMUNICATION SYSTEM	TS 25.214	260172/1998		JP
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos	TS 25.212	282851		US
3GPP	Samsung Electronics	apparatus and method for turbo encoding/decoding for processing frame data according to qos	TS 25.212	292/CAL/99		IN
3GPP	Samsung Electronics	channel encoding/decoding APPARATUS AND METHOD FOR COMMUNICATION SYSTEM	TS 25.212	294659		US
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos	TS 25.212	29924421	29924421.0	DE
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system	TS 25.213	3008940.3		EP
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos	TS 25.212	30568/99	722598	AU
3GPP	Samsung Electronics	channel coding device and method for rate matching	TS 25.212	326891	6397367	US
3GPP	Samsung Electronics	channel encoding/decoding APPARATUS AND METHOD FOR COMMUNICATION SYSTEM	TS 25.212	33459/99	733641	AU
3GPP	Samsung Electronics	channel encoding device and method for communication system	TS 25.212	33460/99	735889	AU
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM	TS 25.212	345277/1998	3043729	JP
3GPP	Samsung Electronics	device and method for cancelling code interference in cdma communication system	TS 25.213	348701	6459693	US
3GPP	Samsung Electronics	device and method for channel encoding/decoding FOR COMMUNICATION SYSTEM	TS 25.212	356/Cal/99		IN
3GPP	Samsung Electronics	method and device for channel encoding for communication system	TS 25.212	357/Cal/99		IN
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system	TS 25.331 TS 25.922 TS 25.433	36147/01		AU
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system	TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	36155/01		AU
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method	TS 25.211	36827/00		AU

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3GPP	Samsung Electronics	CHANNEL ENCODING/DECODING IN COMMUNICATION SYSTEM		TS 25.212	369,626	6,487,693	US
3GPP	Samsung Electronics	DEVICE AND METHOD FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER		TS 25.212	378,371	6,374,386	US
3GPP	Samsung Electronics	AFC DEVICE AND METHOD OF CONTROLLING RECEPTION FREQUENCY IN A DUAL-MODE TERMINAL		TS 34.108	389287	6356599	US
3GPP	Samsung Electronics	apparatus and method for gated transmission in a cdma communication system		TS 25.214	41484/00		AU
3GPP	Samsung Electronics	cell searchapparatus and method in cdma mobile communication system		TS 25.214	41505/00		AU
3GPP	Samsung Electronics	apparatus and method for synchronizing channels in a w-cdma communication system		TS 25.214	44360/00		AU
3GPP	Samsung Electronics	turbo interleaving apparatus and method		TS 25.212	46213/00	752231	AU
3GPP	Samsung Electronics	method and device for cancelling code interference in cdma communication system		TS 25.213	46562/99	729216	AU
3GPP	Samsung Electronics	interleaving/deintereaving device and method for communication system		TS 25.212	468568		US
3GPP	Samsung Electronics	interleaving/deintrleaving device and method for communication system		TS 25.211	472453	6493815	US
3GPP	Samsung Electronics	puncturing device and method for turbo encoder in mobile communication system		TS 25.211	475,559		US
3GPP	Samsung Electronics	Method For Measuring Confusion Rate Of a Common Packet Channel In a CDMA Communication System		TS 25.433 TS 25.302	48892/01		AU
3GPP	Samsung Electronics	method and apparatus for implementing handoff in mobile communication system with short sync channel		TS 25.214	500465/2001		JP
3GPP	Samsung Electronics	method and device for generating sync word and transmitting and receiving the sync word in w-cdma communication system		TS 25.213	500475/2001		JP
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	506182/2001		JP
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	508111/2001		JP
3GPP	Samsung Electronics	method and device for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	509176/2001		JP
3GPP	Samsung Electronics	method and apparatus for generating scrambling code in unts mobile communication system		TS 25.213	509194/2001		JP
3GPP	Samsung Electronics	apparatus and method for gated transmission in cdma communication system		TS 25.214	51109/00		AU
3GPP	Samsung Electronics	apparatus and method for implementing handoff in mobile communication system with short sync channel		TS 25.214	51114/00		AU

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3GPP	Samsung Electronics	method and device of channel coding for rate matching		TS 25.212	527/Cal/99		IN
3GPP	Samsung Electronics	DEVICE AND METHOD FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER		TS 25.212	53086/99	731794	AU
3GPP	Samsung Electronics	device and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	540940/2001		JP
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM		TS 25.211	542395/1999		JP
3GPP	Samsung Electronics	apparatus and method for gated transmission in a cdma communication system		TS 25.214	547886		US
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos		TS 25.212	549213/1999	3343574	JP
3GPP	Samsung Electronics	apparatus and method for channel encoding/decoding FOR COMMUNICATION SYSTEM		TS 25.212	552818/1999		JP
3GPP	Samsung Electronics	apparatus and method for channel encoding for communication system		TS 25.212	552819/1999		JP
3GPP	Samsung Electronics	PN SEQUENCE IDENTIFYING DEVICE IN CDMA COMMUNICATION SYSTEM		TS 25.211	55314/99	746080	AU
3GPP	Samsung Electronics	AFC DEVICE AND METHOD OF CONTROLLING RECEPTION FREQUENCY IN A DUAL-MODE TERMINAL		TS 34.108	55322/99	731874	AU
3GPP	Samsung Electronics	channel coding device and method for rate matching		TS 25.212	554056/2000	3415120	JP
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	55754/00		AU
3GPP	Samsung Electronics	cell searchapparatus and method in cdma mobile communication system		TS 25.214	558237		US
3GPP	Samsung Electronics	method and apparatus for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.922 TS 25.433	560555/2001		JP
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	560556/2001		JP
3GPP	Samsung Electronics	apparatus and method for synchronizing channels in a w-cdma communication system		TS 25.214	562381		US
3GPP	Samsung Electronics	CHANNEL ENCODING/DECODING IN COMMUNICATION SYSTEM		TS 25.212	564304/2000		JP

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3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system		TS 25.213	57108/00		AU
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	57112/00	751376	AU
3GPP	Samsung Electronics	turbo interleaving apparatus and method		TS 25.212	575,084		US
3GPP	Samsung Electronics	Method For Measuring Confusion Rate Of a Common Packet Channel In a CDMA Communication System		TS 25.433 TS 25.302	575013/2001		JP
3GPP	Samsung Electronics	apparatus and method for gated transmission in cdma communication system		TS 25.214	584046		US
3GPP	Samsung Electronics	apparatus and method for generating sync word and transmitting and receiving the sync word in w-cdma communication system		TS 25.213	584051		US
3GPP	Samsung Electronics	apparatus and method for implementing handoff in mobile communication system with short sync channel		TS 25.214	584278		US
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	58544/00		AU
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.212	590308/2000		JP
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.211	591739/2000		JP
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system		TS 25.211	592947/2000		JP
3GPP	Samsung Electronics	method and apparatus of puncturing for turbo encoder in mobile communication system		TS 25.211	592976/2000	3359911	JP
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	603,062		US
3GPP	Samsung Electronics	method and device for cancelling code interference in cdma communication system		TS 25.213	604/Cal/99		IN
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method		TS 25.211	610135/2000		JP
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	611014		US
3GPP	Samsung Electronics	method and device for gated transmission in a cdma communication system		TS 25.214	611414/2000		JP
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system		TS 25.213	611518		US
3GPP	Samsung Electronics	cell search apparatus and method in cdma mobile communication system		TS 25.214	614570/2000		JP
3GPP	Samsung Electronics	method and device for synchronizing channels in a w-cdma communication system		TS 25.214	616143/2000		JP

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3GPP	Samsung Electronics	method and device for turbo interleaving		TS 25.212	619112/2000	3359912	JP
3GPP	Samsung Electronics	CHANNEL ENCODING/DECODING IN COMMUNICATION SYSTEM		TS 25.212	693/Cal/99		IN
3GPP	Samsung Electronics	METHOD AND APPARATUS FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER		TS 25.212	720/Cal/99		IN
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.922 TS 25.433	784914		US
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	788,980		US
3GPP	Samsung Electronics	device and method for synchronizing channels in a w-cdma communication system		TS 25.214	800713.6		CN
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	801336.5		CN
3GPP	Samsung Electronics	device and method for generating scrambling code in umts mobile communication system		TS 25.213	801819.7		CN
3GPP	Samsung Electronics	Method For Measuring Confusion Rate Of a Common Packet Channel In a CDMA Communication System		TS 25.433 TS 25.302	832237		US
3GPP	Samsung Electronics	METHOD FOR CONNECTING MOBILE STATIONS TO BASE STATION IN RADIO COMMUNICATION SYSTEM		TS 25.214	98120390.6		CN
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM		TS 25.212	9815424-9		BR
3GPP	Samsung Electronics	METHOD FOR CONNECTING MOBILE STATIONS TO BASE STATION IN RADIO COMMUNICATION SYSTEM		TS 25.214	9819891.4	2329556	GB
3GPP	Samsung Electronics	METHOD AND DEVICE FOR ADAPTIVE CHANNEL ENCODING		TS 25.212	98807352.8		CN
3GPP	Samsung Electronics	device and method for turbo encoding/decoding for processing frame data according to qos		TS 25.212	99 912 135.3		BR
3GPP	Samsung Electronics	channel encoding device and method for communication system		TS 25.212	99 914 797.8		EP
3GPP	Samsung Electronics	tstd transmitter for limiting transmission power of antenna and controlling method thereof for base station in mobile communication		TS 25.211	99 935 155.4		EP
3GPP	Samsung Electronics	PN SEQUENCE IDENTIFYING DEVICE IN CDMA COMMUNICATION SYSTEM		TS 25.211	99 941 830.4		EP

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3GPP	Samsung Electronics	apparatus and method for cancelling code interference in cdma communication system		TS 25.213	990103290		AR
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.212	9907844-9		BR
3GPP	Samsung Electronics	device and method of puncturing for turbo encoder in mobile communication system		TS 25.211	9908388-4		BR
3GPP	Samsung Electronics	method and device for turbo encoding/decoding for processing frame data according to qos		TS 25.212	99125204		RU
3GPP	Samsung Electronics	method and apparatus for channel encoding for communication system		TS 25.212	99126707	2184419	RU
3GPP	Samsung Electronics	method and apparatus for channel encoding/decoding FOR COMMUNICATION SYSTEM		TS 25.212	99127341		RU
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system		TS 25.211	9916593-7		BR
3GPP	Samsung Electronics	apparatus and method for turbo encoding/decoding for processing frame data according to qos		TS 25.212	99800417		CN
3GPP	Samsung Electronics	device and method for channel encoding for communication system		TS 25.212	99800556.8		CN
3GPP	Samsung Electronics	method and apparatus of channel coding for rate matching		TS 25.212	99800817.6		CN
3GPP	Samsung Electronics	method and apparatus for cancelling code interference in cdma communication system		TS 25.213	99801088.X		CN
3GPP	Samsung Electronics	METHOD FOR CHANNEL ENCODING/DECODING IN COMMUNICATION SYSTEM		TS 25.212	99801298.X		CN
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER		TS 25.212	99801406.0		CN
3GPP	Samsung Electronics	PN SEQUENCE IDENTIFYING DEVICE IN CDMA COMMUNICATION SYSTEM		TS 25.211	99801499.0		CN
3GPP	Samsung Electronics	AFC APPARATUS AND METHOD OF CONTROLLING RECEPTION FREQUENCY IN A DUAL-MODE TERMINAL		TS 34.108	99801510.5		CN
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.212	99803175.5		CN
3GPP	Samsung Electronics	puncturing device and method for turbo encoder in mobile communication system		TS 25.211	99803456.8		CN
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.211	99815036.3		CN
3GPP	Samsung Electronics	turbo encoding/decoding device and method for processing frame data according to qos		TS 25.212	99912135.3		EP
3GPP	Samsung Electronics	channel encoding/decoding APPARATUS AND METHOD FOR COMMUNICATION SYSTEM		TS 25.212	99914796.0		EP

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3GPP	Samsung Electronics	channel coding device and method for rate matching		TS 25.212	99925431.1		EP
3GPP	Samsung Electronics	device and method for cancelling code interference in cdma communication system		TS 25.213	99929929.0		EP
3GPP	Samsung Electronics	CHANNEL ENCODING/DECODING IN COMMUNICATION SYSTEM		TS 25.212	99935167.9		EP
3GPP	Samsung Electronics	AFC DEVICE AND METHOD OF CONTROLLING RECEPTION FREQUENCY IN A DUAL-MODE TERMINAL		TS 34.108	99941839.5		EP
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.211	99962527.0		EP
3GPP	Samsung Electronics	puncturing device and method for turbo encoder in mobile communication system		TS 25.211	99962552.8		EP
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system		TS 25.213	MI 2002A001821		IT
3GPP	Samsung Electronics	METHOD FOR CONNECTING MOBILE STATIONS TO BASE STATION IN RADIO COMMUNICATION SYSTEM		TS 25.214	P1997003626 5		KR
3GPP	Samsung Electronics	DEVICE AND METHOD FOR ADAPTIVE CHANNEL ENCODING		TS 25.212	P1997003626 5		KR
3GPP	Samsung Electronics	DEVICE AND METHOD FOR PERFORMING HANDOFF IN MOBILE COMMUNICATION SYSTEM		TS 25.212	P1997006596 2		KR
3GPP	Samsung Electronics	METHOD AND APPARATUS FOR PROVIDING TIME SWITCHED TRANSMISSION DIVERSITY IN MOBILE COMMUNICATION SYSTEM		TS 25.211	P1998000552 6		KR
3GPP	Samsung Electronics	a method and an apparatus for turbo encoding/decoding for processing frame data according to 변		TS 25.212	P1998001138 0		KR
3GPP	Samsung Electronics	method and device for channel encoding for communication system		TS 25.212	P1998001395 6		KR
3GPP	Samsung Electronics	method and apparatus for channel encoding/decoding FOR COMMUNICATION SYSTEM		TS 25.212	P1998001395 7		KR
3GPP	Samsung Electronics	Complementary data communication method and apparatus for code division multiple access communication method		TS 25.214	P1998001781 8		KR
3GPP	Samsung Electronics	channel coding device and method for rate matching		TS 25.212	P1998002099 0		KR
3GPP	Samsung Electronics	device and method for cancelling code interference in cdma communication system		TS 25.213	P1998002773 6	P0318959	KR
3GPP	Samsung Electronics	APPARATUS AND METHOD FOR CALIBRATING MEMENT-OF-INERTIA AND CENT-OF-GRAVITY		TS 25.214	P1998003089 5	P0274087	KR
3GPP	Samsung Electronics	tstd transmitter for limiting transmission power of antenna and controlling method thereof for base station in mobile communication		TS 25.211	P1998003156 9	P0326314	KR

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3GPP	Samsung Electronics	CHANNEL ENCODING/DECODING IN COMMUNICATION SYSTEM		TS 25.212	P1998003247 1	P0338663	KR
3GPP	Samsung Electronics	DEVICE AND METHOD FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER		TS 25.212	P1998003418 6		EP
3GPP	Samsung Electronics	DEVICE AND METHOD FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER		TS 25.212	P1998003418 6		KR
3GPP	Samsung Electronics	PN SEQUENCE IDENTIFYING DEVICE IN CDMA COMMUNICATION SYSTEM		TS 25.211	P1998003579 7		KR
3GPP	Samsung Electronics	AFC DEVICE AND METHOD OF CONTROLLING RECEPTION FREQUENCY IN A DUAL-MODE TERMINAL		TS 34.108	P1998003602 3	P0274089	KR
3GPP	Samsung Electronics	interface canceling method and apparatus for wireless communication system		TS 34.108	P1998005786 6	P0306283	KR
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.212	P1998005795 9	P0346170	KR
3GPP	Samsung Electronics	interleaving/deinterleaving device and method for communication system		TS 25.211	P1998005906 8	P0350459	KR
3GPP	Samsung Electronics	an iterative decoder and an iterative decoding method for a communication system		TS 25.211	P1998006270 9	P0321978	KR
3GPP	Samsung Electronics	puncturing device and method for turbo encoder in mobile communication system		TS 25.211	P1998006272 5	P0315708	KR
3GPP	Samsung Electronics	2-dimensional interleaving apparatus and method		TS 25.211	P1999001179 9		KR
3GPP	Samsung Electronics	apparatus and method for gated transmission in a cdma communication system		TS 25.214	P1999001361 0		KR
3GPP	Samsung Electronics	channel encoding device and method for communication system		TS 25.212	P1999001386 9	P0318911	KR
3GPP	Samsung Electronics	cell search apparatus and method in cdma mobile communication system		TS 25.214	P1999001473 7	P0290678	KR
3GPP	Samsung Electronics	apparatus and method for synchronizing channels in a w-cdma communication system		TS 25.214	P1999001533 2		KR
3GPP	Samsung Electronics	turbo interleaving apparatus and method		TS 25.212	P1999001856 0		KR
3GPP	Samsung Electronics	apparatus and method for generating sync word and transmitting and receiving the sync word in w-cdma communication system		TS 25.213	P1999001964 4		KR
3GPP	Samsung Electronics	apparatus and method for gated transmission in cdma communication system		TS 25.214	P1999001964 7		KR

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3GPP	Samsung Electronics	apparatus and method for implementing handoff in mobile communication system with short sync channel		TS 25.214	P1999001968 1	P0350466	KR
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	P1999002622 1		KR
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	P1999002697 8		KR
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in unts mobile communication system		TS 25.213	P1999002727 9		KR
3GPP	Samsung Electronics	apparatus and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	P1999002740 7		KR
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.430 TS 25.211	P1999005363 0		KR
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.922 TS 25.433	P2000000833 7		EP
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.331 TS 25.922 TS 25.433	P2000000833 7		KR
3GPP	Samsung Electronics	apparatus and method for assigning a common packet channel in a cdma communication system		TS 25.302 TS 25.303 TS 25.321 TS 25.331 TS 25.214	P2000000922 6		KR
3GPP	Samsung Electronics	Method For Measuring Confusion Rate Of a Common Packet Channel In a CDMA Communication System		TS 25.433 TS 25.302	P2000001875 2		KR
3GPP	Samsung Electronics	Method of transmitting/receiving information about orthogonal variable spreading factor codes assigned to user data in a high speed data packet access communication system		TS 25.213	P2001004858 0		KR
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	P346341		PL
3GPP	Samsung Electronics	device and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	P346622		PL
3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	P346646		PL
3GPP	Samsung Electronics	device and method of channel coding for rate matching		TS 25.212	PI9906479-0		BR
3GPP	Samsung Electronics	device and method for cancelling code interference in cdma communication system		TS 25.213	PI9906577-0		BR

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3GPP	Samsung Electronics	rate matching device and method for a data communication system		TS 25.212	W002001004 46		ID
3GPP	Samsung Electronics	apparatus and method for generating scrambling code in umts mobile communication system		TS 25.213	W002001004 77		ID
3GPP	Samsung Electronics	device and method for controlling a demultiplexer and a multiplexer used for rate matching in a mobile communication system		TS 25.212	W020010046 0		ID
3GPP	Samsung Electronics	METHOD AND DEVICE FOR INSERTING PREVIOUSLY KNOWN BITS IN INPUT STAGE OF CHANNEL ENCODER		TS 25.212	W-2000 0737		ID
3GPP	Samsung Electronics	apparatus and method for channel coding and multiplexing in cdma communication system		TS 25.212	W000200100 363		ID
3GPP	Samsung Electronics	apparatus and method for cancelling code interference in cdma communication system		TS 25.213	W020000423		ID

Place, Date:

2003.09.19

Signature:

Kyong J. Ohm  
(Signed for and on behalf of the SIGNATORY)

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