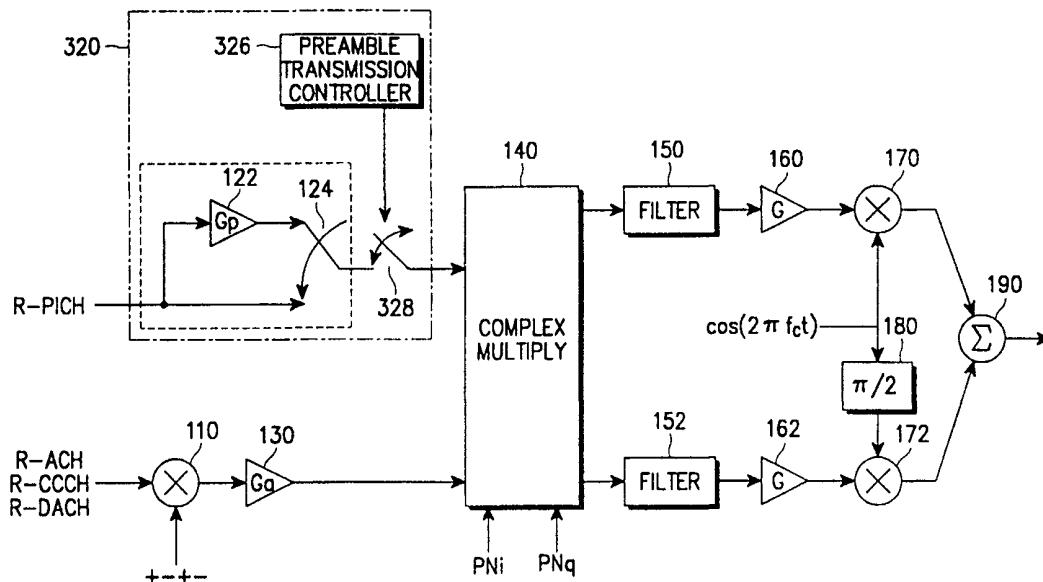




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁷ : H04J 13/02, H04B 7/005, H04Q 7/32</p>	<p>A3</p>	<p>(11) International Publication Number: WO 00/08908 (43) International Publication Date: 24 February 2000 (24.02.00)</p>
<p>(21) International Application Number: PCT/KR99/00457 (22) International Filing Date: 17 August 1999 (17.08.99) (30) Priority Data: 1998/33862 17 August 1998 (17.08.98) KR (71) Applicant: SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR). (72) Inventors: KIM, Young-Ky; Seonkyung Apt. #12-1401, Taechi-dong, Kangnam-gu, Seoul 135-280 (KR). KANG, Hee-Won; 1499, Myonmok 7-dong, Chungnang-gu, Seoul 131-207 (KR). AHN, Jae-Min; Puleun Samho Apt. #109-303 Irwonpon-dong, Kangnam-gu, Seoul 135-239 (KR). PARK, Su-Won; 1662-9, Shillim 8-dong, Kwanak-gu, Seoul 151-018 (KR). (74) Agent: LEE, Keon-Joo; Mihwa Bldg. 110-2, Myon- gryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).</p>	<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> (88) Date of publication of the international search report: 13 July 2000 (13.07.00)</p>	

(54) Title: DEVICE AND METHOD FOR TRANSMITTING PREAMBLE OF ACCESS CHANNEL IN MOBILE COMMUNICATION SYSTEM



(57) Abstract

A mobile station device and method which includes a preamble generator (320) for generating a preamble signal intermittently to be transmitted during a preamble interval prior to a transmission interval of a reverse access channel message; and a transmitter for spreading and modulating the preamble signal received from the preamble generator (320) and transmitting it to a base station.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 99/00457

A. CLASSIFICATION OF SUBJECT MATTER
 IPC⁷: H04J 13/02; H04B 7/005; H04Q 7/32
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 IPC⁷: H04B; H04J; H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 WPI PAJ EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 715 422 A (CANON KK) 5 June 1996. figs.; abstract; col. 1, lines 23- 50; col. 2, lines 21-36; claims.	1, 13
X	WO 97/46041 A (NOKIA TELECOMM. OY) 4 December 1997. figs; abstract; page 3, lines 11-31; claims 1-11.	1, 13

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Date of the actual completion of the international search 06 April 2000 (06.04.2000)	Date of mailing of the international search report 17 April 2000 (17.04.00)
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Name and mailing adress of the ISA/AT Austrian Patent Office Kohlmarkt 8-10; A-1014 Vienna Facsimile No. 1/53424/200	Authorized officer Mesa Pascasio Telephone No. 1/53424/327
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 99/00457

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