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(71) Applicant: SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).

(72) Inventors: KIM, Jae, Yoel; Paekdoo Apt. 960–1401, Sanpon 9-danji, Sanpon 2-dong, Kunpo-shi, Kyonggi-do 435–042 (KR). AHN, Jae, Min; Puleun Samho Apt. 109–303, Irwonpon-dong, Kangnam-gu, Seoul 135–239 (KR). KIM, Young, Ky; Sunkyoung Apt. 12–1401, Taechi-dong, Kangnam-gu, Seoul 135–280 (KR).

(74) Agent: LEE, Keon, Joo; Mihwa Building, 110-2, Myongryun-dong, 4-Ga, Chongro-gu, Seoul 110-524 (KR).

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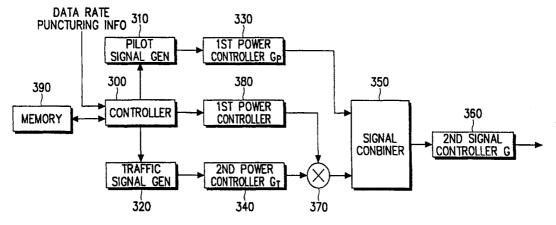
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(54) Title: DEVICE AND METHOD FOR CONTROLLING TRANSMISSION POWER OF PUNCTURED FRAME



(57) Abstract

A code division multiple access (CDMA) mobile communication system for controlling power for a traffic signal of one frame includes: a signal generator (310-340) for simultaneously generating a pilot signal and the traffic signal on a frame basis; a power compensator (370, 380) for compensating the power of the traffic signal according to a punctured length of a punctured frame among the frames; and a signal combiner (350) for combining the power-compensated traffic signal and the pilot signal generated from the signal generator (310-340).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC⁶: H 04 J 13/00 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) IPC⁶: H 04 B: H 04 J 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) EPODOC, WPI, PAJ, IEEE Trans. on Comm., IEEE Comm. Letters C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α US 5056109 A (GILHOUSEN) 08 October 1991 (08.10.91) fig.: 1-12 abstract; description. EP 0668664 A (MATSUSHITA) 23 August 1995 (23.08.95) fig.; A 1-12 abstract, description. Α US 5499395 A (DOI) 12 March 1996 (12.03.96) fig.; abstract; 1-12 description. A EP 0798872 A (YRP) 01 October 1997 (01.10.97) fig.; abstract; 1-12 description. Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the international filing date or priority "A" document defining the general state of the art which is not date and not in conflict with the application but cited to understand considered to be of particular relevance the principle or theory underlying the invention "E" earlier application or patent but published on or after the international "X" document of particular relevance; the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive step "L" document which may throw doubts on priority claim(s) or which is when the document is taken alone cited to establish the publication date of another citation or other "Y" document of particular relevance; the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is "O" document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art "P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 09 December 1999 (09.12.99) 21 December 1999 (21.12.99) Name and mailing adress of the ISA/AT Authorized officer Austrian Patent Office Mesa Kohlmarkt 8-10; A-1014 Vienna Facsimile No. 1/53424/200 Telephone No. 1/53424/327

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