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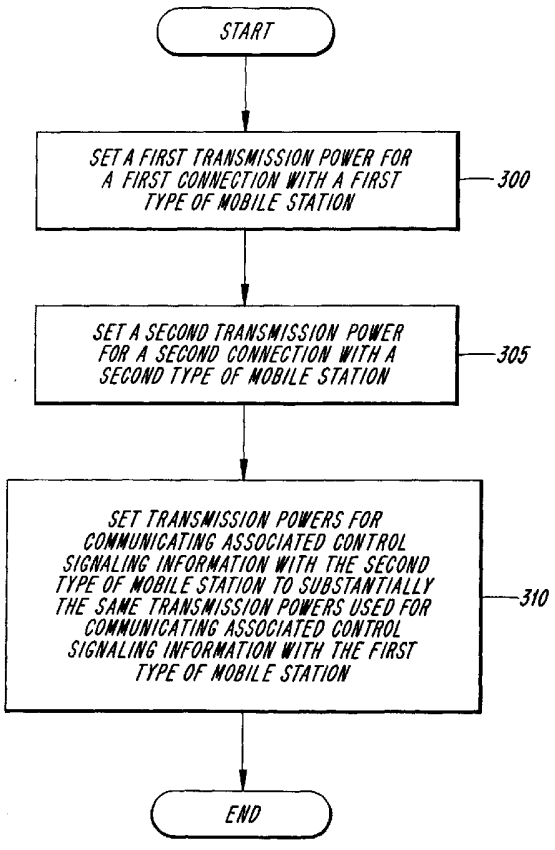
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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR RECEIVER-CHARACTERIZED POWER SETTING IN A CELLULAR COMMUNICATION SYSTEM



(57) Abstract: A method and system are disclosed for receiver-characterized power setting in a cellular communication system. In accordance with exemplary embodiments of the present invention, a first transmission power is set for a first connection with a first type of mobile station. The first connection targets a first radio channel quality. A second transmission power is set for a second connection with a second type of mobile station. The second connection targets a second radio channel quality. The first type of mobile station uses a first type of speech unit that is less robust to poor radio channel quality than a second type of speech unit used by the second type of mobile station. The first and second transmission powers are set according to at least a type of speech unit used by the first and second types of mobile stations, respectively, when transmitting speech.

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INTERNATIONAL SEARCH REPORT

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PCT/SE 02/00192

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04B 7/005
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, H04L, G10L

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)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6097965 A (Z. HONKASALO ET AL.), 1 August 2000 (01.08.00), column 7, line 31 - line 59	1-31
A	US 5982766 A (J. NYSTRÖM ET AL.), 9 November 1999 (09.11.99), column 8, line 52 - column 9, line 60, figure 16	1-31
E	US 6360199 B1 (A. YOKOYAMA), 19 March 2002 (19.03.02), column 3, line 61 - column 4, line 56, col. 3 line 61 - col. 4 line 56; claims	1-31

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

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