

Title (en)
METHOD FOR MULTIPLE ACCESS IN A CELLULAR RADIOCOMMUNICATION NETWORK

Title (de)
VERFAHREN ZUM VIELFACHZUGRIFF IN EINEM ZELLULAREN KOMMUNIKATIONSSYSTEM

Title (fr)
PROCEDE D'ACCES MULTIPLE DANS UN RESEAU CELLULAIRE DE RADIOCOMMUNICATION

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Application
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Abstract (en)
[origin: FR2767007A1] The invention concerns a network enabling communications at different rates, with signals transmitted by successive frames each divided into elementary time intervals usable for different communications. A frequency band is allocated to communications between the base stations of a group of cells and mobile stations. Said band is subdivided into blocks of width $2^{M-1} \times B_0$, where B_0 is a predetermined spectral width and M a whole number greater than 1 selected on the basis of a maximal communication rate. Each of the blocks is divided into carriers of width $2^{m(i)-1} \times B_0$, $m(i)$ being a whole number depending on the block considered such as $1 \leq m(i) \leq M$. The distribution of blocks and carriers in the allocated frequency band is identical for all the cells of the group. In order to support a communication in one of the cells, a predetermined logic channel is selected, according to the required rate, as one or several time intervals on one of the carriers.

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