

Title (en)

METHOD OF RECEIVING SIGNALS IN A SPREAD-SPECTRUM TELECOMMUNICATIONS SYSTEM WITH TERRESTRIAL REPEATERS, COMPRISING A COMPLEMENTARY SOURCE

Title (de)

VERFAHREN ZUM EMPFANGEN VON SIGNALEN IN EINEM SPREIZSPEKTRUM-TELEKOMMUNIKATIONSSYSTEM MIT TERRESTRISCHEN ZWISCHENVERSTÄRKERN MIT EINER KOMPLEMENTÄREN QUELLE

Title (fr)

PROCEDE DE RECEPTION DE SIGNAUX DANS UN SYSTEM DE TELECOMMUNICATIONS A ETALEMENT DE SPECTRE A REPETEURS TERRESTRES PRESENTANT UNE SOURCE COMPLEMENTAIRE

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Application

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Abstract (en)

[origin: WO2004032360A1] The invention relates to a method of receiving signals in a spread-spectrum telecommunications system with terrestrial repeaters, comprising a complementary source. More specifically, the invention relates to a third-generation terminal for a code division multiple access telecommunications system, which comprises two rake receivers (16, 18), each receiver having a set of demodulation channels (20-1, 20-n, 24-1, 24-n) and a combiner (22, 26). A third combiner (28) receives the signals provided by the combiners belonging to the two above-mentioned receivers. In this way, signals arriving from a diffusion system comprising terrestrial receivers and a complementary source can be received, in spite of the time differences between the different paths of the signals. The terminal can be used in a telecommunications system with numerous multiple paths.

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