

Title (en)

MODULATION METHOD FOR A MULTI-CARRIER PROCESS WITH PRE-EMPHASIS

Title (de)

MODULATIONSVERFAHREN FÜR EIN MULTITRÄGERVERFAHREN MIT VORVERZERRUNG

Title (fr)

PROCEDE DE MODULATION POUR UN PROCESSUS A ONDES PORTEUSES MULTIPLES AVEC PREACCENTUATION

Publication

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Application

**EP 00981140 A 20000929**

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Abstract (en)

[origin: WO0228045A1] The invention relates to a modulation method for a multi-carrier process for the transmission of transmitted signals (1) over a transmission band with several sub-carriers (6). According to the invention, a pre-emphasis (4) of the transmitted signal (1) occurs on the transmitter side, depending upon the current transmission band. The resultant transmitted signal is modulated (8) onto the transmission band. On the receiver side the pre-emphasised transmitted signal (11) is equalised using an adaptive equaliser (16) which is used individually for each sub-carrier (6).

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