

Title (en)

METHOD FOR ESTIMATING A MOBILE RADIOTELEPHONE CHANNEL, AND MOBILE RADIOTELEPHONE RECEIVING DEVICE

Title (de)

VERFAHREN ZUR KANALSCHÄTZUNG EINES MOBILFUNKKANALS UND MOBILFUNK-EMPFANGSGERÄT

Title (fr)

PROCEDE D'ESTIMATION D'UN CANAL DE TELEPHONIE MOBILE, ET APPAREIL RECEPTEUR POUR LA TELEPHONIE MOBILE

Publication

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Application

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Abstract (en)

[origin: WO02091608A1] The invention relates to a method for estimating a channel of a mobile radiotelephone channel during a multipath reception. According to said method, an interpolation of the channel coefficients which are determined on the basis of the respective impulse response, in two adjacent time intervals (slot 1 and slot 2), is carried out. Before said interpolation, the individual components of the impulse response are examined to determine whether they belong to one and the same transmission path, and an interpolation is only carried out for the components to which this applies. (1' and 1'' resp. 3' and 3'')

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H04B 1/707

IPC 8 full level

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