

Title (en)

ARRANGEMENTS AND METHOD RELATING TO HANDLING OF DIGITAL SIGNALS

Title (de)

ANORDNUNG UND VERFAHREN ANGEHEND BEHANDLUNG DIGITALER DATEN

Title (fr)

SYSTEMES ET PROCEDE CONCERNANT LA GESTION DES SIGNAUX NUMERIQUES

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Application

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Abstract (en)

[origin: WO9851017A1] The present invention relates to an arrangement and a method respectively for handling a digital data signal comprising a number of data bits which is transported in a channel, at least the phase of which varies. The arrangement comprises transmitting means (310) comprising interleaving means (302) and receiving means (320) comprising deinterleaving means (316). Means are provided for dividing each data bit into a number of chips and in the interleaving means (302) said chips are interleaved. The transmitting means (310) comprises means for transmitting the data signal and a pilot signal. In the receiving means (320) channel estimation means (314) are provided for performing a channel estimation using the pilot signal. The receiving means (320) further comprises compensating means (315) for compensating the signal for the phase variation and deinterleaving means (316) for deinterleaving the chips of the compensated signal.

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