

Title (en)
MEASURES TO PERMIT CHANNEL TRACKING IN DIGITAL ENCODED TRANSMISSION WITH ADDITIONAL ATTACHED REDUNDANCY BLOCKS

Title (de)
MASSNAHMEN ZUR ERMÖGLICHUNG EINER KANALNACHFÜHRUNG BEI DIGITALER CODIERTER ÜBERTRAGUNG MIT ZUSÄTZLICHEN ANGEHÄNGTEN REDUNDANZBLÖCKEN

Title (fr)
MESURES PERMETTANT UNE POURSUITE DE CANAL LORS DE TRANSMISSIONS NUMÉRIQUES

Publication
EP 4052393 A2 20220907 (DE)

Application
EP 20796542 A 20201021

Priority
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• EP 2020079541 W 20201021

Abstract (en)
[origin: WO2021083748A2] Exemplary embodiments create a data transmitter in a communication system, wherein the data transmitter is configured to receive a data bit sequence, with the data transmitter being configured to implement forwards error correction coding on the basis of the data bit sequence, to obtain a sequence of systematic bits and the error correction bits assigned to the sequence of systematic bits, wherein the data bit sequence and the sequence of systematic bits are identical, wherein the data transmitter is configured to transmit a signal, wherein the signal has a first transmit bit block and a second transmit bit block, wherein the first transmit bit block comprises a sequence of reference bits and the sequence of systematic bits, and wherein the second transmit bit block comprises the error correction bits, wherein a block of systematic bits of the sequence of systematic bits together with at least one block of associated error correction bits of the sequence of error correction bits, which is assigned to the block of systematic bits, can be decoded independently of other error correction bits or blocks of error correction bits.

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