Title (en)
ENCODING/INTERLEAVING METHOD AND CORRESPONDING DEINTERLEAVING/ DECODING METHOD

Title (de)
VERFAHREN ZUR KODIERUNG-SCHACHTELUNG UND ZUGEHÖRIGES VERFAHREN ZUR DEKODIERUNG-ENTSCHACHTELUNG

Title (fr)
PROCEDE DE CODAGE-ENTRALECEMENT ET PROCEDE CORRESPONDANT DE DESENTRELACEMENT-DECODAGE

Publication
EP 0763284 A1 19970319 (FR)

Application
EP 95912299 A 19950310

Priority
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Abstract (en)
[origin: WO9525386A1] A method for encoding/interleaving a source sequence of data symbols to be transmitted, to give at least two packets to be transmitted consisting of said data symbols to be transmitted and redundancy symbols. The method comprises the steps of writing (3) the data symbols to be transmitted into a basic matrix; storing the basic matrix in a first quadrant of an extended transmission matrix; performing primary (5) and secondary (6) coding along the columns and rows respectively of the basic matrix, to generate first and second redundancy symbols that are stored in second and third quadrants of the extended transmission matrix and form additional rows and columns of the basic matrix; and reading (7) the extended transmission matrix row by row (or column by column), each row (or column) of the extended transmission matrix being one of the packets to be transmitted (2).

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H03M 13/22

IPC 8 full level
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See references of WO 9525386A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9525386 A1 19950921; AU 1953595 A 19951003; CA 2185587 A1 19950921; EP 0763284 A1 19970319; FI 963580 A0 19960911; FI 963580 A 19960916; FR 2717644 A1 19950922; FR 2717644 B1 19960426; JP H10500539 A 19980113; US 5751730 A 19980512

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FR 9500283 W 19950310; AU 1953595 A 19950310; CA 2185587 A 19950310; EP 95912299 A 19950310; FI 963580 A 19960911; FR 9402988 A 19940315; JP 52387195 A 19950310; US 71615196 A 19960912