

Title (en)

METHOD AND MODULE FOR CORRECTING TRANSMISSION ERRORS IN A DATASTREAM

Title (de)

VERFAHREN UND MODUL ZUR KORREKTUR VON ÜBERTRAGUNGSFEHLERN IN EINEM DATENSTROM

Title (fr)

PROCEDE ET MODULE DE CORRECTION D ' ERREURS DE TRANSMISSION DANS UN FLUX DE DONNEES

Publication

EP 2220800 A1 20100825 (FR)

Application

EP 08859316 A 20081202

Priority

- EP 2008066618 W 20081202
- FR 0708623 A 20071211

Abstract (en)

[origin: WO2009074489A1] The present invention relates to a method of correcting transmission errors in a datastream transmitted by a communication system using a protocol stack. According to the invention, the method consists in utilizing the redundancy of sequences whose content is fixed on several layers in a stack of protocols so as to correct transmission errors; the method consists for this purpose in searching at the level of the receiver for the sequences corresponding to a known sequence present in the stream received and doing so by detecting sequences similar to this known sequence, the nonsimilar sequences not being retained; the method consists furthermore, in the presence of similar sequences, in detecting transmission errors in the known sequence and in modifying the similar sequences (erroneous sequences) with the aid of the known sequence.

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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