Title (en)

TRANSMISSION ERROR DISSIMULATION IN A DIGITAL SIGNAL WITH COMPLEXITY DISTRIBUTION

Title (de)

ÜBERTRAGUNGSFEHLERVERDECKUNG BEI EINEM DIGITALEM SIGNAL MIT KOMPLEXITÄTSVERTEILUNG

Title (fr)

DISSIMULATION D'ERREUR DE TRANSMISSION DANS UN SIGNAL NUMERIQUE AVEC REPARTITION DE LA COMPLEXITE

Publication

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Application

EP 08838291 A 20080919

Priority

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• FR 0757750 A 20070921

Abstract (en)

[origin: WO2009047461A1] The invention relates to a method for dissimulating a transmission error in a digital signal divided into a plurality of successive frames associated with different time intervals, in which the signal, upon reception, may contain erased frames and valid frames, and that comprises carrying out at least two steps in order to replace at least the first erased frame (N) after a valid frame, i.e. a first preparation step (E1) that does not generate any missing sample and that comprises at least analysing a valid decoded signal, and a second dissimulation step (E2) that generates the missing samples of the signal corresponding to said erased frame. The first step and the second step are carried out in different time intervals. The invention also relates to a dissimulation device implementing the method of the invention, and to a decoder including such a device. The invention can be used for distributing the complexity of the error dissimulation over different time intervals.

IPC 8 full level

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CPC (source: EP US)

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Cited by

RU2660610C2; US10140993B2; US10614818B2; US11393479B2; US10224041B2; US10733997B2; US11367453B2; US10163444B2; US10621993B2; US11423913B2

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