Title (en)
PROCESSING OF BINARY ERRORS IN A DIGITAL AUDIO BINARY FRAME

Title (de)
VERARBEITUNG VON BINÄRFEHLERN IN EINEM DIGITALAUDIO-BINÄRRAHMEN

Title (fr)
TRAITEMENT D'ERREURS BINAIRES DANS UNE TRAME BINAIRE AUDIONUMERIQUE

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Application
EP 08864421 A 20081210

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Abstract (en)
[origin: WO2009080982A2] The invention relates to a method of processing binary errors in a binary frame emanating from a digital audio coder, comprising a step of receiving a current binary frame liable to comprise binary errors. According to the invention, the binary frame comprises sensitive bits to be protected which are catalogued in at least one category according to the type of parameter that they code and the method furthermore comprises the steps of receiving protection bits, of reading the sensitive bits received in the current binary frame, the number of sensitive bits being lower than the number of bits of the binary frame, of detecting binary errors as a function of said protection bits received and of said sensitive bits received and in the event of detecting at least one erroneous bit in said binary frame, of modifying the current binary frame before decoding, as a function of the category in which the erroneous bit is catalogued. The invention also pertains to a device implementing the method according to the invention as well as to a decoder and a coding/decoding system comprising such a device.

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Citation (search report)
See references of WO 2009080982A2

Citation (examination)
- US 2006282748 A1 20061214 - BADER CARL V [US], et al
- EP 0936772 A2 19990818 - LUCENT TECHNOLOGIES INC [US]
- EP 1018815 A2 20000712 - LUCENT TECHNOLOGIES INC [US]

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