Title (en)

METHOD AND DEVICE FOR PRODUCING A SCALABLE DATA STREAM, AND METHOD AND DEVICE FOR DECODING A SCALABLE DATA STREAM WHILE TAKING A BIT BANK FUNCTION INTO ACCOUNT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN EINES SKALIERBAREN DATENSTROMS UND VERFAHREN UND VORRICHTUNG ZUM DECODIEREN EINES SKALIERBAREN DATENSTROMS UNTER BERÜCKSICHTIGUNG EINER BITSPARKASSENFUNKTION

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE UN FLUX DE DONNEES MODULABLE ET PROCEDE ET DISPOSITIF POUR DECODER UN FLUX DE DONNEES MODULABLE COMPTE TENU D'UNE FONCTION DE BANQUE BINAIRE

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Application

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Abstract (en)

[origin: WO02058051A2] The invention relates to a method for producing a scalable data stream from one or more blocks of output data of a first encoder and from one or more blocks of output data of a second encoder. According to this method, a destination data block (306) is written for a current section of an input signal. In addition, output data (312) of the second decoder that represents a preceding section of the input signal is written, in a direction of transmission, from an encoder to a decoder behind the destination data block (306). When the output data (312) of the second encoder is written for a preceding section of the input signal, the output data (310) of the second encoder that represents the current section of the input signal is written. In order to indicate where the output data of the second encoder for the preceding section ends, and where the output data of the second encoder for the current section begins, buffer information (314) is written into the scalable data stream. In order to provide that output data of a preceding section follows a destination data block for the current section, a bit bank function can be implemented in the scalable encoder and can be easily indicated in the bit stream.

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