

Title (en)  
METHOD AND DEVICE FOR THE GENERATION OR DECODING OF A SCALABLE DATA STREAM WITH PROVISION FOR A BIT-STORE, ENCODER AND SCALABLE ENCODER

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN BZW. DECODIEREN EINES SKALIERBAREN DATENSTROMS UNTER BERÜCKSICHTIGUNG EINER BITSPEICHER, CODIERER UND SKALIERBARER CODIERER

Title (fr)  
PROCEDE ET DISPOSITIF POUR PRODUIRE OU DECODER UN FLUX DE DONNEES MODULABLE COMPTE TENU D'UNE BANQUE DE BITS, CODEUR ET CODEUR MODULABLE

Publication  
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Application  
**EP 02718023 A 20020114**

Priority  
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Abstract (en)  
[origin: DE10102159A1] The invention relates to a method for the generation of a scalable data stream, whereby, if there is a block (11) of output data from a first encoder, said block of output data is written to the scalable data stream. If there is output data (0) from a second encoder for a preceding time, said output data, for the preceding section in the direction of transmission, is written in the data stream behind the block (11) of output data from the first encoder. If there is output data (1) from the second encoder for the current section, the output data from the second encoder is written in the bit-stream, connected to the output data from the first encoder. A determining data block (200) is generated and written in the bit-stream after a delay (250), corresponding to the size of the bit-store of the second encoder. Further, buffer information (260) is written in the bit-stream which shows where the beginning of the output data from the second encoder for the current section is located relative to the determining data block, whereby said buffer information (260) corresponds to the bit-store status. It is thus possible to signal a bit-store in a scalable data stream in a simple manner. Furthermore, the maximum size of the bit-store can be set according to the given decoder delay and communicated to a decoder without using additional bits by positioning of the determining data block in the scalable data, in order to reduce the initial delay of the decoder.

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