Title (en)
METHOD FOR ENCODING AND DECODING AUDIO AT A VARIABLE RATE

Title (de)
VERFAHREN ZUR CODIERUNG UND DECODIERUNG VON AUDIO MIT VARIABLER RATE

Title (fr)
PROCEDE DE CODAGE ET DE DECODAGE AUDIO A DEBIT VARIABLE

Publication
EP 1581930 A1 20051005 (FR)

Application
EP 03799688 A 20031222

Priority
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Abstract (en)
[origin: US2006036435A1] A maximum of Nmax bits for encoding is defined for a set of parameters which may be calculated from a signal frame. The parameters for a first sub-set are calculated and encoded with N0 bits, where N0<Nmax. The allocation of Nmax-N0 encoding bits for the parameters of a second sub-set are determined and the encoding bits allocated to the parameters for the second sub-set are classified. The allocation and/or order of classification of the encoding bits are determined as a function of the encoding parameters for the first sub-set. For a total of N available bits for the encoding of the total parameters (N0<N=Nmax), the parameters for the second sub-set allocated the N-N0 encoding bits classified the first in said order are selected. Said selected parameters are calculated and encoded to give the N-N0 bits. The N0 encoding bits for the first sub-set and the N-N0 encoding bits for the selected parameters for the second sub-set are finally introduced into the output sequence of the encoder.

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IPC 8 full level
G10L 19/002 (2013.01); **G10L 19/18** (2013.01)

CPC (source: EP KR US)
G10L 19/00 (2013.01 - KR); **G10L 19/002** (2013.01 - EP US); **G10L 19/18** (2013.01 - EP US); **G10L 19/24** (2013.01 - KR)

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