

Title (en)

Method for speech coding and voice-coder

Title (de)

Methode zur Sprachkodierung und Sprachkodierer

Title (fr)

Méthode pour le codage de la parole et codeur de parole

Publication

**EP 0545386 B1 19990407 (EN)**

Application

**EP 92120573 A 19921202**

Priority

JP 31931491 A 19911203

Abstract (en)

[origin: EP0545386A2] A method for speech coding and a voice-coder for coding speech signals divided into frames spaced with a constant interval are disclosed. An adaptive codebook storing excitation signal determined in advance and a plurality of excitation codebooks for multi-stage vector quantization are provided. Each frame is divided into subframes. For each subframe, a candidate of a first predetermined number of adaptive codevectors is selected, and then candidates of each predetermined number of excitation codevectors are selected from each excitation codebook, respectively, by using the candidate of the adaptive codevector. Finally, a combination of the adaptive codevector and each of the excitation codevector is selected from the candidates of the adaptive codevector and each of the sound codevectors. <IMAGE>

IPC 1-7

**G10L 9/14**

IPC 8 full level

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CPC (source: EP)

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Cited by

AU681137B2; EP0733257A4; US5754976A; EP0632429A3; US5761632A; US6006178A; EP0756268A3; EP0734014A1; US5878387A; EP0610906A1; US5625744A; EP2378517A1; KR101290997B1; ES2112808A1; US5701392A; EP2234104A4; EP3288029A1; US7151802B1; US7269552B1; WO9427286A1; WO9804046A3; WO9628810A1

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