

Title (en)

METHOD FOR CODING AN INFORMATION SIGNAL

Title (de)

VERFAHREN ZUR KODIERUNG VON INFORMATIONSSIGNALEN

Title (fr)

PROCEDE DE CODAGE D'UN SIGNAL D'INFORMATIONS

Publication

**EP 1112625 B1 20060531 (EN)**

Application

**EP 99943854 A 19990824**

Priority

- US 9919217 W 19990824
- US 15143098 A 19980911

Abstract (en)

[origin: WO0016501A1] To achieve high quality speech reconstruction at low bit rates, constraints on position combinations among two or more pulses (403) are implemented. By placing constraints on position combinations, certain combinations of pulses are prohibited which allows the most significant pulses to always be coded, thereby improving speech quality. After all valid combinations are considered, a list of pulse pairs (codebook) which can be indexed using a single, predetermined bit length codeword is produced. The codeword is transmitted to a destination where it is used by a decoder to reconstruct the original information signal.

IPC 8 full level

**H04B 7/216** (2006.01); **G10L 19/10** (2006.01); **H03M 7/30** (2006.01)

CPC (source: EP KR)

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DOCDB simple family (publication)

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