

Title (en)

Conversion apparatus for transmission networks using different bit rates, and its use in a multirate transmission system.

Title (de)

Umkodierungseinrichtung für Übertragungsnetz mit verschiedenen Datenübertragungsraten und ihre Anwendung in einem Übertragungssystem mit mehreren Übertragungsraten.

Title (fr)

Dispositif de transcodage entre réseaux de transmission à débits différents, et son utilisation dans un système de transmission multidébits.

Publication

EP 0291377 A1 19881117 (FR)

Application

EP 88401018 A 19880426

Priority

FR 8706250 A 19870504

Abstract (en)

The device comprises a serial input interface circuit (100) suitable for receiving framed digital signals comprising the parameters of the pattern associated with a segment of analog signal, a processor (110) converting the parameters with the format associated with the input bit rate, into parameters with the format associated with the output bit rate, by calling upon memories (120, 130), dictionary conversion table or dictionary memory, and an output interface circuit (140) which transmits the digital frame resulting from the conversion and matched to the output bit rate. Application, in particular, to transmission systems using voice coders with different bit rates, but using the same pattern for the speech signal to be transmitted. <IMAGE>

IPC 1-7

G10L 9/14

IPC 8 full level

G10L 19/06 (2013.01)

CPC (source: EP)

G10L 19/06 (2013.01)

Citation (search report)

- [X] EP 0138073 A1 19850424 - SIEMENS AG [DE]
- ICASSP 80, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, Denver, 9-11 avril 1980, vol. 3, pages 719-724, IEEE, New York, US; J.D. TOMCIK et al.: "CVSD to LPC conversion using noise tolerant analysis"
- ICASSP 80, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, Tampa, 26-29 mars 1985, vol. 1, pages 248-251, IEEE, New York, US; J. ROTHWEILER et al.: "A multiple rate low rate voice CODEC"

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AU725711B2; US5926786A; EP0758123A3; US5727123A; US5784532A; AU697822B2; SG87819A1; WO9522819A1

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