Title (en)

SPEECH CODEC AND METHOD FOR GENERATING A VECTOR CODEBOOK AND ENCODING/DECODING SPEECH SIGNALS

Title (de)

SPRACH-CODEC UND VERFAHREN ZUR ERZEUGUNG EINES VEKTORCODEBUCHS UND ZUM CODIEREN/DECODIEREN VON SPRACHSIGNALEN

Title (fr)

CODEC VOCAL ET PROCEDE DE GENERATION D'UN CODE VECTORIEL ET DE CODAGE/DECODAGE DE SIGNAUX VOCAUX

Publication

EP 1334485 A1 20030813 (EN)

Application

EP 01993000 A 20011022

Priority

• EP 0112403 W 20011022
• GB 0026463 A 20001030

Abstract (en)

[origin: WO0237477A1] A speech coder (100, 200) for a speech communications unit includes a set of at least two embedded vector codebooks capable of representing an input speech signal by a series of vectors. The at least two embedded vector codebooks (256, 262) share at least some common vectors of the series of vectors. The speech coder includes means for classifying (252) an input speech signal by selecting one of the at least two embedded vector codebooks in conjunction with at least a portion of at least one other embedded vector codebook of the at least two embedded vector codebooks (256, 262) to represent the input speech signal.

IPC 1-7

G10L 19/06

IPC 8 full level

G10L 19/07 (2013.01)

CPC (source: EP)

G10L 19/07 (2013.01); G10L 2019/0005 (2013.01); G10L 2019/0007 (2013.01)

Citation (search report)

See references of WO 0237477A1

Cited by

CN110428847A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0237477 A1 20020510; AT E303647 T1 20050915; AU 1597202 A 20020515; DE 60113144 D1 20051006; DE 60113144 T2 20060614; EP 1334485 A1 20030813; EP 1334485 B1 20050831; GB 0026463 D0 20001213; GB 2368761 A 20020508; GB 2368761 B 20030716

DOCDB simple family (application)

EP 0112403 W 20011022; AT 01993000 T 20011022; AU 1597202 A 20011022; DE 60113144 T 20011022; EP 01993000 A 20011022; GB 0026463 A 20001030