

Title (en)

DIGITAL SPEECH CODER WITH VECTOR EXCITATION SOURCE HAVING IMPROVED SPEECH QUALITY

Title (de)

DIGITALER SPRACHCODIERER MIT VERBESSERTER SPRACHQUALITÄT UNTER ANWENDUNG EINER VEKTORANREGUNGSQUELLE

Title (fr)

CODEUR VOCAL NUMERIQUE A SOURCE D'EXCITATION VECTORIELLE DE QUALITE VOCALE AMELIOREE

Publication

EP 0484339 B1 19980204 (EN)

Application

EP 90908908 A 19900502

Priority

- US 9002469 W 19900502
- US 37054189 A 19890623

Abstract (en)

[origin: WO9101545A1] In a vector excitation source digital speech coder utilizing vector excitation, candidate excitation sources (111, 121) are considered independent of certain pitch parameters. Once a particular excitation source has been selected, the excluded pitch parameter may then be optimized, resulting in an overall improvement in speech quality.

IPC 1-7

G10L 9/14

IPC 8 full level

G10L 19/12 (2013.01)

CPC (source: EP KR)

G10L 13/00 (2013.01 - KR); **G10L 19/12** (2013.01 - EP); **G10L 2019/0005** (2013.01 - EP); **G10L 2019/0011** (2013.01 - EP);
G10L 2019/0013 (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9101545 A1 19910207; AU 5735990 A 19910222; AU 638462 B2 19930701; BR 9007467 A 19920616; CA 2060310 A1 19901224;
CA 2060310 C 20010717; CN 1023160 C 19931215; CN 1048278 A 19910102; DE 69032026 D1 19980312; DE 69032026 T2 19980917;
EP 0484339 A1 19920513; EP 0484339 A4 19930505; EP 0484339 B1 19980204; IL 94119 A0 19910131; IL 94119 A 19960618;
KR 920702787 A 19921006; KR 950003557 B1 19950414; NZ 234180 A 19931125

DOCDB simple family (application)

US 9002469 W 19900502; AU 5735990 A 19900502; BR 9007467 A 19900502; CA 2060310 A 19900502; CN 90103020 A 19900619;
DE 69032026 T 19900502; EP 90908908 A 19900502; IL 9411990 A 19900418; KR 910701947 A 19911223; NZ 23418090 A 19900621