

Title (en)

Sound processing method and device for adapting a hearing aid for hearing impaired

Title (de)

Tonverarbeitungsverfahren und Vorrichtung zur Anpassung eines Hörgerätes für Hörbehinderte

Title (fr)

Procédé et dispositif pour le traitement des sons pour correction auditive des malentendants

Publication

EP 1006511 B1 20040428 (FR)

Application

EP 99403027 A 19991203

Priority

FR 9815354 A 19981204

Abstract (en)

[origin: EP1006511A1] A parameter characterizing a pitch is modified (61) by applying a multiplying factor to a value of the pitch. The parameter characterizing a voicing is modified (62) by a multiplying factor. A parameter characterizing the energy is modified (62) by a compression function. The parameter characterizing the spectral envelope is modified (64) by a compression rate of the frequency scale, and the length of interval of time taking into account of a synthesized phase (7) while multiplying a time interval of by a time factor. An Independent claim is included for: (a) a device for implementing a method

IPC 1-7

G10L 21/02; **H04R 25/00**

IPC 8 full level

G10L 21/02 (2013.01); **H04R 25/00** (2006.01); **G10L 21/06** (2013.01)

CPC (source: EP US)

G10L 21/0364 (2013.01 - EP US); **H04R 25/356** (2013.01 - EP US); **G10L 2021/065** (2013.01 - EP US); **H04R 25/505** (2013.01 - EP US)

Cited by

EP1173044A3; US7376563B2; US6950799B2; WO03071523A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1006511 A1 20000607; **EP 1006511 B1 20040428**; AT E265733 T1 20040515; DE 69916756 D1 20040603; DE 69916756 T2 20050407; FR 2786908 A1 20000609; FR 2786908 B1 20010608; US 6408273 B1 20020618

DOCDB simple family (application)

EP 99403027 A 19991203; AT 99403027 T 19991203; DE 69916756 T 19991203; FR 9815354 A 19981204; US 45308599 A 19991202