

Title (en)
Method and system for converting voice

Title (de)
Verfahren und Vorrichtung zur Sprachkonversion

Title (fr)
Procédé et dispositif de conversion de la voix

Publication
EP 1710788 B1 20090715 (FR)

Application
EP 05102714 A 20050407

Priority
EP 05102714 A 20050407

Abstract (en)
[origin: EP1710788A1] The method involves extracting and separating original excitation and articulation parameters using a vocal apparatus identification block. The original excitation is restored from issued elements of an altered elocution and issued elements of a healthy elocution by a glottal wave restoring block. The elocution is reconstructed from the parameters and the restored original excitation by a vocal apparatus in order to produce an acoustic signal representing the reconstructed elocution. An independent claim is also included for a device for restoring an altered elocution.

IPC 8 full level
G10L 21/02 (2006.01); **G10L 21/00** (2006.01); **G10L 21/013** (2013.01); **G10L 21/057** (2013.01)

CPC (source: EP)
G10L 21/0364 (2013.01); **G10L 2021/0135** (2013.01); **G10L 2021/0575** (2013.01)

Citation (examination)
MATSUI K.; HARA N.: "Enhancement of esophageal speech using formant synthesis", PROCEEDINGS OF ICASSP 1999, 15 March 1999 (1999-03-15) - 19 March 1999 (1999-03-19), PHOENIX (AZ), pages 81 - 84, XP000898268

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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