

Title (en)

METHOD AND DEVICE FOR THE CONCATENATION OF AUDIOSEGMENTS, TAKING INTO ACCOUNT COARTICULATION

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR KOARTIKULATIONSGERECHTEN KONKATENATION VON AUDIOSEGMENTEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE CONCATENER DES SEGMENTS AUDIO EN TENANT COMPTE DE LA COARTICULATION

Publication

**EP 1105867 B1 20030625 (DE)**

Application

**EP 99942891 A 19990819**

Priority

- DE 19837661 A 19980819
- EP 9906081 W 19990819

Abstract (en)

[origin: US7047194B1] The invention provides a method, apparatus, and a computer program stored on a data carrier that generates synthesized acoustical data by concatenating audio segments of sounds to reproduce a sequence of concatenated sounds/phones. The invention has an inventory or sounds and each sound has three bands (FIG. 1 b) including an initial co-articulation band, a solo articulation band and a final co-articulation band. The invention selects audio segments that end or begin with a co-articulation band and a solo articulation band of one sound. The instance of concatenation is defined by the co-articulation band and the solo articulation band of the one sound.

IPC 1-7

**G10L 13/06**

IPC 8 full level

**G10L 13/06** (2006.01); **G10L 13/07** (2013.01)

CPC (source: EP US)

**G10L 13/07** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**US 7047194 B1 20060516**; AT E243876 T1 20030715; AU 5623199 A 20000314; CA 2340073 A1 20000302; DE 19861167 A1 20000615; DE 59906115 D1 20030731; EP 1105867 A1 20010613; EP 1105867 B1 20030625; WO 0011647 A1 20000302

DOCDB simple family (application)

**US 76314901 A 20010430**; AT 99942891 T 19990819; AU 5623199 A 19990819; CA 2340073 A 19990819; DE 19861167 A 19980819; DE 59906115 T 19990819; EP 9906081 W 19990819; EP 99942891 A 19990819