

Title (en)

METHOD FOR DETERMINING A REPRESENTATIVE SPEECH SOUND BLOCK FROM A VOICE SIGNAL COMPRISING SPEECH UNITS

Title (de)

VERFAHREN ZUR BESTIMMUNG EINES REPRÄSENTANTEN FÜR EINEN SPRACHBAUSTEIN EINER SPRACHE AUS EINEM LAUTABSCHNITTE UMFASSENDEN SPRACHSIGNAL

Title (fr)

PROCEDE POUR DETERMINER UN REPRESENTANT D'UN BLOC VOCAL D'UNE PAROLE DANS UN SIGNAL VOCAL COMPRENANT DES SECTIONS DE PHONEME

Publication

EP 1005694 A1 20000607 (DE)

Application

EP 98948677 A 19980727

Priority

- DE 9802120 W 19980727
- DE 19736465 A 19970821

Abstract (en)

[origin: WO9910878A1] After segmenting a voice signal into individual speech units, said units representing a speech sound block are assembled in a group. These multiple speech units included in a group describe distinctively well a sound block. Different selection criteria to evaluate the usability of individual speech units are provided. One advantage of combining the selection criteria is that different criteria can be taken into account when selecting a representative speech unit. Each selection criterion includes a membership function which indicates the "usability" of individual speech units to be selected as a representative of the group. Preferably, the speech unit representing a maximum amongst the speech units of the group according to the selection criteria indicated by the membership function is selected as the representative of the corresponding sound block.

IPC 1-7

G10L 5/04

IPC 8 full level

G10L 11/02 (2006.01); **G10L 13/06** (2006.01); **G10L 15/04** (2006.01); **G10L 15/14** (2006.01); **G10L 15/16** (2006.01)

CPC (source: EP)

G10L 13/06 (2013.01)

Citation (search report)

See references of WO 9910878A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9910878 A1 19990304; CN 1115664 C 20030723; CN 1267384 A 20000920; DE 59801989 D1 20011206; EP 1005694 A1 20000607; EP 1005694 B1 20011031; ES 2167945 T3 20020516; JP 2001514400 A 20010911

DOCDB simple family (application)

DE 9802120 W 19980727; CN 98808350 A 19980727; DE 59801989 T 19980727; EP 98948677 A 19980727; ES 98948677 T 19980727; JP 2000508109 A 19980727