

Title (en)  
TRANSCODING BETWEEN THE INDICES OF MULTIPULSE DICTIONARIES USED FOR CODING IN DIGITAL SIGNAL COMPRESSION

Title (de)  
TRANSCODIERUNG ZWISCHEN DEN INDIZES VON MEHRIMPULS-WÖRTERBÜCHERN ZUR CODIERUNG BEI DER DIGITALEN SIGNALKOMPRIMIERUNG

Title (fr)  
TRANSCODAGE ENTRE INDICES DE DICTIONNAIRES MULTI-IMPULSIONNELS UTILISES EN CODAGE EN COMPRESSION DE SIGNAUX NUMERIQUES

Publication  
**EP 1692687 B1 20080319 (FR)**

Application  
**EP 04805537 A 20041124**

Priority  
• FR 2004003008 W 20041124  
• FR 0314489 A 20031210

Abstract (en)  
[origin: WO2005066936A1] The invention relates to compression transcoding between pulse encoders using multipulse dictionaries wherein each pulse has a position which is localized by an index. For each current pulse position provided by the first encoder, a neighborhood (Vg<e>, Vd<e>) is formed around said position. positions of pulses in a set consisting of a union of neighborhoods are selected according to the positions of pulses admitted by the second encoder. The second encoder finally receives said selection (sj), involving a reduced number of pulse positions in relation to the total number of pulses of the dictionary of the second encoder.

IPC 8 full level  
**G10L 19/12** (2013.01); **G10L 19/16** (2013.01)

CPC (source: EP KR US)  
**G10L 19/10** (2013.01 - KR); **G10L 19/12** (2013.01 - EP KR US); **G10L 19/173** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 2005066936 A1 20050721**; AT E389933 T1 20080415; CN 1890713 A 20070103; CN 1890713 B 20101208;  
DE 602004012600 D1 20080430; DE 602004012600 T2 20090430; EP 1692687 A1 20060823; EP 1692687 B1 20080319;  
ES 2303129 T3 20080801; FR 2867648 A1 20050916; JP 2007515676 A 20070614; JP 4970046 B2 20120704; KR 101108637 B1 20120209;  
KR 20060131781 A 20061220; MX PA06006621 A 20060831; PL 1692687 T3 20081031; US 2007124138 A1 20070531;  
US 7574354 B2 20090811

DOCDB simple family (application)  
**FR 2004003008 W 20041124**; AT 04805537 T 20041124; CN 200480036604 A 20041124; DE 602004012600 T 20041124;  
EP 04805537 A 20041124; ES 04805537 T 20041124; FR 0314489 A 20031210; JP 2006543573 A 20041124; KR 20067011552 A 20041124;  
MX PA06006621 A 20041124; PL 04805537 T 20041124; US 58212604 A 20041124