

Title (en)  
Grapheme-phoneme assignment

Title (de)  
Graphem-Phonem-Zuordnung

Title (fr)  
Attribution graphème-phonème

Publication  
**EP 1187095 B1 20050511 (DE)**

Application  
**EP 01120155 A 20010822**

Priority  
DE 10042943 A 20000831

Abstract (en)  
[origin: EP1187095A2] A dynamic time warping algorithm allocates phonemes to graphemes that create them. A relative frequency is determined for each allocation of phonemes and graphemes for matching them to each other. A two-dimensional incidence matrix is prepared for each word in a lexicon, for which the word's grapheme produces one index while its phoneme produces a second index. The relative frequencies identified are entered for the matrix.

IPC 1-7  
**G10L 13/08**

IPC 8 full level  
**G10L 13/08** (2013.01)

CPC (source: EP US)  
**G10L 13/08** (2013.01 - EP US)

Citation (examination)  
LUK R.W.P.; DAMPER R.I.: "Stochastic phonographic transduction for English", COMPUTER SPEECH AND LANGUAGE, ACADEMIC PRESS, vol. 10, 1996, LONDON, GB, pages 133 - 153

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1187095 A2 20020313; EP 1187095 A3 20030312; EP 1187095 B1 20050511**; DE 10042943 A1 20020314; DE 10042943 C2 20030306; DE 50106180 D1 20050616; US 2002049591 A1 20020425; US 7171362 B2 20070130

DOCDB simple family (application)  
**EP 01120155 A 20010822**; DE 10042943 A 20000831; DE 50106180 T 20010822; US 94309101 A 20010831