

Title (en)  
Grapheme-phoneme conversion

Title (de)  
Graphem-Phonem-Konvertierung

Title (fr)  
Conversion graphème-phonème

Publication  
**EP 1184839 A3 20030205 (DE)**

Application  
**EP 01117869 A 20010723**

Priority  
DE 10042944 A 20000831

Abstract (en)  
[origin: EP1184839A2] A grapheme to phoneme conversion system using a computer programme selects graphemes either from a pronunciation dictionary for a whole word or by segmenting the word and iterating the grapheme selection to take account of combinations.

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

IPC 8 full level  
**G10L 13/08** (2006.01)

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

Citation (search report)

- [Y] KIM B, LEE W, LEE G, LEE J H: "Unlimited Vocabulary Grapheme to Phoneme Conversion for Korean TTS", 36TH ANNUAL MEETING IF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS & 17TH INT. CONFERENCE ON COMPUTATIONAL LINGUISTICS (COLING-ACL '98), 10 August 1998 (1998-08-10) - 14 August 1998 (1998-08-14), Montréal, Kanada, pages 675 - 679, XP002224173
- [DY] HAIN H: "Automation of the Training Procedures for Neural Networks Performing Multi-Lingual Grapheme-to-Phoneme Conversion", PROC. EUROSPEECH '99, vol. 5, 6 September 1999 (1999-09-06) - 9 September 1999 (1999-09-09), Budapest, Ungarn, pages 2087 - 2090, XP002223264
- [PX] HAIN H: "A Hybride Approach for Grapheme-to-Phoneme Conversion Based on a Combination of Partial String Matching and a Neural Network", INT. CONFERENCE ON SPOKEN LANGUAGE PROCESSING (ICSLP 2000), ISCA, vol. III, 16 October 2000 (2000-10-16) - 20 October 2000 (2000-10-20), Peking, China, pages 291 - 294, XP002224174
- [PX] HAIN H: "Ein hybrider Ansatz zur Graphem-Phonem-Konvertierung unter Verwendung eines Lexikons und eines neuronalen Netzes", ELEKTRONISCHE SPRACHVERARBEITUNG, ELFTE KONFERENZ, TAGUNGSBAND, 4 September 2000 (2000-09-04) - 6 September 2000 (2000-09-06), Cottbus, pages 160 - 167, XP002223265

Cited by  
CN1315108C; CN105590623A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1184839 A2 20020306; EP 1184839 A3 20030205; EP 1184839 B1 20050928**; DE 10042944 A1 20020321; DE 10042944 C2 20030313; DE 50107556 D1 20051103; US 2002046025 A1 20020418; US 7107216 B2 20060912

DOCDB simple family (application)  
**EP 01117869 A 20010723**; DE 10042944 A 20000831; DE 50107556 T 20010723; US 94273501 A 20010831