Title (en)
Phonetic transcription for speech synthesis

Title (de)
Phonetische Übersetzung für die Sprachsynthese

Title (fr)
Transcription phonétique pour la synthèse de parole

Publication
**EP 1184838 B1 20050831 (DE)**

Application
**EP 01113053 A 20010528**

Priority
DE 10042942 A 20000831

Abstract (en)
[origin: US2002026313A1] The invention relates to a method, an arrangement and a computer program product for speech synthesis by means of a grapheme/phoneme conversion. In this case, a search is made for subwords of a given word in a database which contains phonetic transcriptions of words. If at least one subword of the given word is found in the database, a phonetic transcription registered in the database is selected for the subword found. In addition to the subword found, the given word has at least one further constituent, which is not registered in the database. This further constituent is phonetically transcribed with the aid of an OOV treatment, and the phonetic transcription of the subword found and the phonetic transcription of the further constituent are combined.

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)
DAELEMANS W.: "GRAFON: A Grapheme-to-Phoneme Conversion System for Dutch", PROC. 12TH INT. CONF. ON COMPUTATIONAL LINGUISTICS COLING-88, 1988, BUDAPEST, HUNGARY, pages 133 - 138

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DE ES FR GB IT

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