Title (en)

Method of assembling messages for speech synthesis

Title (de)

Verfahren zum Zusammensetzen von Ansagen zur Sprachausgabe

Title (fr)

Procédé d'assemblage de messages pour la synthèse de la parole

Publication

EP 1168298 B1 20061129 (DE)

Application

EP 01114995 A 20010620

Priority

DE 10031008 A 20000630

Abstract (en)

[origin: JP2002055692A] PROBLEM TO BE SOLVED: To improve quality of reproduction in the voice output of a message. SOLUTION: A series of original sentences 10 of the message are segmented and stored in the format of an audio file together with search criteria in a database 11, and other items 12 are prepared on the segments 10, so that their lengths, positions, and transition values are recorded for each segment 10. When reproducing a sentence, the is transmitted in a format, corresponding to the format of search criteria. It is investigated as to whether the sentence to be reproduced can be reproduced completely by the segments 10. When the sentence can be reproduced, the degree of consistency about the vocal rhythm of individual segments is examined using the item 12. The audio file of the segments 10 which show the conditions necessary for keeping a natural vocal rhythm optimally is combined, reproduced and outputted.

IPC 8 full level

G10L 13/07 (2013.01)

CPC (source: EP US)

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Citation (examination)

TAYLOR P. ET AL: "Speech synthesis by phonological structure matching", PROC. OF EUROSPEECH 99, vol. 2, 5 September 1999 (1999-09-05), BUDAPEST, pages 623 - 626

Designated contracting state (EPC)

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EP 1168298 A2 20020102; **EP 1168298 A3 20021211**; **EP 1168298 B1 20061129**; AT E347160 T1 20061215; DE 10031008 A1 20020110; DE 50111522 D1 20070111; JP 2002055692 A 20020220; US 2002029139 A1 20020307; US 6757653 B2 20040629

DOCDB simple family (application)

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