

Title (en)
Method and apparatus for speech synthesis without prosody modification

Title (de)
Verfahren und Vorrichtung zur Sprachsynthese ohne Änderung der Prosodie

Title (fr)
Procédé et appareil de synthèse vocale sans modification de prosodie

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Abstract (en)
[origin: EP1777697A2] A speech synthesizer is provided that concatenates stored samples of speech units without modifying the prosody of the samples. The present invention is able to achieve a high level of naturalness in synthesized speech with a carefully designed training speech corpus by storing samples based on the prosodic and phonetic context in which they occur. In particular, some embodiments of the present invention limit the training text to those sentences that will produce the most frequent sets of prosodic contexts for each speech unit. Further embodiments of the present invention also provide a multi-tier selection mechanism for selecting a set of samples that will produce the most natural sounding speech.

IPC 8 full level
G10L 13/06 (2006.01); **G10L 13/07** (2013.01); **G10L 13/08** (2006.01); **G10L 13/04** (2013.01)

CPC (source: EP)
G10L 13/07 (2013.01); **G10L 13/04** (2013.01)

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