

Title (en)
SPEECH SYNTHESIS SYSTEM

Title (de)
EIN SPRACHSYNTHESESYSTEM

Title (fr)
SYSTEME DE SYNTHESE VOCALE

Publication
EP 0950238 A1 19991020 (EN)

Application
EP 97930643 A 19970707

Priority
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Abstract (en)
[origin: WO9801848A1] A speech synthesis system in which a speech signal is divided into a series of frames, and each frame is converted into a coded signal including a voiced/unvoiced classification and a pitch estimate, wherein a low pass filtered speech segment centred about a reference sample is defined in each frame, a correlation value is calculated for each of a series of candidate pitch estimates as the maximum of multiple crosscorrelation values obtained from variable length speech segments centred about the reference sample, the correlation values are used to form a correlation function defining peaks, and the locations of the peaks are determined and used to define a pitch estimate.

IPC 1-7
G10L 5/02; **G10L 3/00**; **G10L 3/02**; **G10L 7/02**

IPC 8 full level
G10L 25/90 (2013.01); **G10L 25/93** (2013.01); **G10L 19/10** (2013.01); **G10L 25/27** (2013.01)

CPC (source: EP)
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Citation (search report)
See references of WO 9801848A1

Cited by
DE102004007184B3; US7464027B2; US7729903B2; US7716042B2

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