

Title (en)  
SPEECH SYNTHESIZER

Publication  
**EP 0144731 B1 19880907 (EN)**

Application  
**EP 84113186 A 19841102**

Priority  
JP 20522783 A 19831101

Abstract (en)  
[origin: EP0144731A2] The invention relates to a speech synthesizer comprising a converting means (20, 30) for converting the input sequence of characters to a sequence of articulation symbols corresponding to a unit speech waveform which is obtained by dividing a diphone, a memory (80) for storing said unit speech waveform corresponding to the predetermined articulation symbols, and a synthesizing means (60, 70) for reading said unit speech waveforms corresponding to said articulation symbols of the converted sequence of articulation symbols from said memory (80) and synthesizing them. The speech synthesizer requires a comparatively small memory capacity and provides synthesized speech of high quality.

IPC 1-7  
**G10L 5/04**

IPC 8 full level  
**G10L 13/06** (2013.01)

CPC (source: EP)  
**G10L 25/00** (2013.01)

Cited by  
US5463713A; EP1617408A3; DE19610019A1; DE19610019C2; US6308156B1; WO9734291A1; EP1617408A2; US7552052B2

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