

Title (en)  
Method for modifying speech speed

Title (de)  
Effizientes Verfahren zur Geschwindigkeitsmodifikation von Sprachsignalen

Title (fr)  
Méthode pour la modification du débit de parole

Publication  
**EP 0865026 A3 19990210 (DE)**

Application  
**EP 98104455 A 19980312**

Priority  
DE 19710545 A 19970314

Abstract (en)  
[origin: EP0865026A2] The modification method has an analogue speech signal converted into a corresponding digital signal. The digital signal is entered in a memory, with lengthening or shortening of the signal by a pre-defined factor, using an add overlap method. The stored speech signal is divided into segments which are weighted via a window function with a first rising section, a constant section and a falling section. There is a comparison made of the weighted segments, for waveform similarity and addition of the segments, when the similarity has a maximum value.

IPC 1-7  
**G10L 3/02**

IPC 8 full level  
**G10L 21/04** (2013.01)

CPC (source: EP)  
**G10L 21/04** (2013.01)

Citation (search report)  
• [A] EP 0427953 A2 19910522 - MATSUSHITA ELECTRIC IND CO LTD [JP]  
• [A] EP 0608833 A2 19940803 - MATSUSHITA ELECTRIC IND CO LTD [JP]  
• [A] EP 0726560 A2 19960814 - ROCKWELL INTERNATIONAL CORP [US]

Cited by  
CN102855884A; US7461002B2; US7894654B2; US6944510B1; WO2006048349A1; WO2004114282A1; US8270366B2; US7711123B2; US8488800B2; US7610205B2; US7313519B2; US7283954B2; US8195472B2

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**EP 0865026 A2 19980916; EP 0865026 A3 19990210; EP 0865026 B1 20031203; AT E255763 T1 20031215; DE 19710545 C1 19971204; DE 59810302 D1 20040115**

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