

Title (en)

Apparatus for modifying the time scale modification of speech

Title (de)

Vorrichtung zur Modifizierung der Modifikation der Sprachzeitskala

Title (fr)

Appareil pour modifier l'échelle de temps pour la modification du langage

Publication

**EP 0702354 A1 19960320 (EN)**

Application

**EP 95306302 A 19950908**

Priority

- JP 22013194 A 19940914
- JP 22013294 A 19940914
- JP 26020694 A 19941025

Abstract (en)

In a speech judging section, a speech portion and a speechless portion of an acoustic signal are judged. Data of the acoustic signal are stored in a buffer memory. A memory control section controls writing of the data judged to be the speech portion in the speech judging section into the buffer memory, and reading of the data from the buffer memory. A time-scale modification section determines a time scale modification speed depending on an amount of residual storage data which have not been read out from the buffer memory, and modifies time scale of the acoustic signal depending on the time scale modification speed.

IPC 1-7

**G10L 5/06; G10L 7/08; G10L 9/06; G10L 9/18**

IPC 8 full level

**G10L 21/04** (2013.01)

CPC (source: EP)

**G10L 21/04** (2013.01)

Citation (search report)

- [X] EP 0356568 A1 19900307 - SIEMENS AG [DE]
- [A] EP 0318858 A2 19890607 - NEC CORP [JP]
- [A] EP 0144689 A1 19850619 - NEC CORP [JP]

Cited by

EP0907161A1; US6035009A; US6360198B1; EP0939401A4; US5828994A; AU719955B2; MY118991A; WO9746999A1; WO03001510A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0702354 A1 19960320**

DOCDB simple family (application)

**EP 95306302 A 19950908**