Title (en)

Speech speed conversion method and apparatus.

Title (de)

Verfahren und Vorrichtung zur Geschwindigkeitskonversion von Sprache.

Title (fr)

Méthode et appareil pour la conversion de la vitesse de la parole.

Publication

EP 0643380 A3 19950524 (EN)

Application

EP 94114160 A 19940908

Priority

- JP 22544993 A 19930910
- JP 16723294 A 19940719

Abstract (en)

[origin: EP0643380A2] The speed of an input speech is changed without changing the pitch of the input speech. Raw data of a speech are stored so that the speed of the speech can be modulated continuously on the basis of the raw data. A speech speed conversion apparatus includes a unit (321, 10, 7, 5) for inputting speech, a speech speed conversion unit (11) for changing the speed of the input speech, and a unit (6, 8, 9, 325) for supplying the output of the speech speed conversion unit as output speech to listener's ears. The apparatus further includes a speech speed conversion switch (3, 4) so that speech with changed speed of the input speech is delivered in a period in which the conversion switch is turned on, whereas speech without change of the input speech is delivered when the conversion switch is turned off. <IMAGE>

IPC 1-7

G10L 3/02

IPC 8 full level

G10L 21/04 (2006.01); **H04B 14/04** (2006.01)

CPC (source: EP)

G10L 21/04 (2013.01)

Citation (search report)

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- [A] SUZUKI ET AL.: "Time-scale modification of speech signals using cross-correlation", INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS 92, 2 June 1992 (1992-06-02), ROSEMONT, IL, US, pages 166 - 167, XP000369221

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DOCDB simple family (application)

EP 94114160 A 19940908; CA 2131730 A 19940909; DE 69421774 T 19940908; JP 16723294 A 19940719