Title (en)

IMPROVED VOICE SIGNAL CONVERSION METHOD AND SYSTEM

Title (de)

VERBESSERTES SPRACHSIGNALUMSETZUNGSVERFAHREN UND -SYSTEM

Title (fr)

PROCEDE ET SYSTEME AMELIORES DE CONVERSION D'UN SIGNAL VOCAL

Publication

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Application

EP 05736936 A 20050309

Priority

- FR 2005000564 W 20050309
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Abstract (en)

[origin: WO2005106852A1] The invention relates to a method of converting a voice signal spoken by a source speaker into a converted voice signal having acoustic characteristics that resemble those of a target speaker. The inventive method comprises the following steps consisting in: determining (1) at least one function for the transformation of the acoustic characteristics of the source speaker into acoustic characteristics similar to those of the target speaker; and transforming the acoustic characteristics of the voice signal to be converted using said at least one transformation function. The invention is characterised in that: (i) the aforementioned transformation function-determining step (1) consists in determining (1) a function for the joint transformation of characteristics relating to the spectral envelope and characteristics relating to the fundamental frequency of the source speaker; and (ii) said transformation comprises the application of the joint transformation function.

IPC 8 full level

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