

Title (en)

METHOD FOR SEPARATING SIGNAL PATHS AND USE FOR IMPROVING SPEECH USING ELECTRIC LARYNX

Title (de)

METHODE ZUR TRENNUNG VON SIGNALPFADEN UND ANWENDUNG AUF DIE VERBESSERUNG VON SPRACHE MIT ELEKTRO-LARYNX

Title (fr)

PROCÉDÉ DE SÉPARATION DE CHEMINEMENTS DE SIGNAUX ET APPLICATION DE CE PROCÉDÉ POUR AMÉLIORER LA QUALITÉ DE LA VOIX D'UN LARYNX ÉLECTRONIQUE

Publication

EP 2394271 A1 20111214 (DE)

Application

EP 10708882 A 20100201

Priority

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Abstract (en)

[origin: WO2010088709A1] In order to improve the speech quality of an electric larynx (EL) speaker, the speech signal of which is digitized by suitable means, the following steps are carried out: a) dividing a single-channel speech signal into a series of frequency channels by transferring it from a time domain into a discrete frequency domain; b) filtering out the modulation frequency of the EL by way of a high-pass or notch filter, in each frequency channel; and c) back-transforming the filtered speech signal from the frequency domain into the time domain and combining it into a single-channel output signal.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010088709A1

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