

Title (en)

Method and apparatus for interference suppression in speech signals.

Title (de)

Verfahren und Anordnung zur Störbefreiung von Sprachsignalen.

Title (fr)

Procédé et dispositif pour éliminer les signaux parasites dans un signal de parole.

Publication

EP 0411360 B1 19940907 (DE)

Application

EP 90113320 A 19900712

Priority

DE 3925589 A 19890802

Abstract (en)

[origin: EP0411360A1] In a method and apparatus for interference suppression in speech signals for speech recognition purposes, the speech being converted along with other sound phenomena into an electric signal (summation signal) and the other sound phenomena consisting of noises and a sound phenomenon produced by electro-acoustic conversion of an audio signal, the noises are furthermore recorded and converted into a noise signal. The noise signal and the audio signal are passed via adaptive filters and subtracted from the summation signal. The resulting signal is compared with the noise signal on the one hand and with the audio signal on the other hand. The results of the comparison are used to control the adaptive filters. <IMAGE>

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G10L 3/02

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1189031A3; GB2374967B; EP1447912A1; EP0644526A1; US5825898A; EP0729288A3; EP1879180A1; CN108538307A; EP1914726A1; EP0624046A1; US7930175B2; US6738482B1; WO2008048096A1; WO0124575A3; US7120261B1; US7443988B2; US8682005B2; US7616768B2; US7447320B2; US6882734B2; US6178248B1

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