

Title (en)

Noise suppresser speech communications unit and method of operation

Title (de)

Rauschunterdrückung in einer Sprachkommunikationseinheit und Betriebsverfahren

Title (fr)

Suppression de bruit dans une unité de communication vocale et méthode d'opération

Publication

EP 0984433 A2 20000308 (EN)

Application

EP 99117227 A 19990902

Priority

GB 9819224 A 19980904

Abstract (en)

A speech communications unit is provided. The speech communications unit includes a speech processor for receiving an input speech signal having a periodic noise interferer (50, 70), the speech processor being operably coupled to a noise determining means (52, 72) for determining an amplitude of the periodic noise interferer a gaussian noise generator (54, 74) for generating a known gaussian noise sequence and combining the speech signal with the known gaussian noise sequence to provide a resultant signal, and inputting the resultant signal into a noise suppression procedure to provide a noise suppressed speech signal. The speech processor determines an amplitude level of the suppressed gaussian noise and subtracts a respective level of suppressed gaussian noise from the resultant signal thereby reducing the periodic noise content in the speech signal. <IMAGE>

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G10L 21/02

IPC 8 full level

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CPC (source: EP)

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