

Title (en)

Automatic gain control with noise suppression

Title (de)

Automatische Verstärkungsregelung mit Rauschunterdrückung

Title (fr)

Commande automatique de gain avec suppression de bruit

Publication

EP 1211671 A3 20030910 (EN)

Application

EP 01309636 A 20011115

Priority

US 24938800 P 20001116

Abstract (en)

[origin: EP1211671A2] Audio processing apparatus (40) includes a noise suppression stage (42), which applies a variable level of noise suppression to an input audio signal, so as to generate a noise-suppressed signal, and an automatic gain control (AGC) stage (44), coupled to apply a variable gain to the noise-suppressed signal, responsive to a level of the signal. A noise controller (46) receives an indication of the gain from the AGC stage and determines the level of noise suppression to be applied by the noise suppression stage responsive to the gain. <IMAGE>

IPC 1-7

G10L 21/02; H03G 3/32

IPC 8 full level

G10L 21/0208 (2013.01)

CPC (source: EP)

G10L 21/0208 (2013.01)

Citation (search report)

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- [A] US 4658426 A 19870414 - CHABRIES DOUGLAS M [US], et al
- [DA] BOLL S F: "SUPPRESSION OF ACOUSTIC NOISE IN SPEECH USING SPECTRAL SUBTRACTION", IEEE TRANSACTIONS ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, IEEE INC. NEW YORK, US, vol. ASSP-27, no. 2, 1 April 1979 (1979-04-01), pages 113 - 120, XP002072967, ISSN: 0096-3518

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