

Title (en)

Exponential reduction of echo and noise during speech pauses

Title (de)

Exponentielle Echo- und Geräuschabsenkung in Sprachpausen

Title (fr)

Réduction exponentielle de bruit et d'écho pendant les pauses de la parole

Publication

EP 1103956 B1 20050608 (DE)

Application

EP 00124577 A 20001110

Priority

DE 19957221 A 19991127

Abstract (en)

[origin: EP1103956A2] The exponential echo (E) and noise (N) reduction system samples the received signal regularly and has a speech pause detector (SPD) to scale down the cancellation constant ($a_0(k)$) used to weight the stored best estimate of noise power spectral density ($g(S/N)$) during pauses.

IPC 1-7

G10L 21/02; H03G 3/34

IPC 8 full level

H04R 3/02 (2006.01); **G10L 21/02** (2006.01); **G10L 21/0208** (2013.01); **H03G 3/34** (2006.01); **H04B 3/20** (2006.01); **G10L 21/0216** (2013.01)

CPC (source: EP KR US)

G10L 19/012 (2013.01 - KR); **G10L 21/0208** (2013.01 - EP KR US); **G10L 2021/02082** (2013.01 - EP US); **G10L 2021/02168** (2013.01 - EP US)

Cited by

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1103956 A2 20010530; **EP 1103956 A3 20011205**; **EP 1103956 B1 20050608**; AT E297590 T1 20050615; DE 19957221 A1 20010531; DE 50010504 D1 20050714; JP 2001202100 A 20010727; KR 20010051980 A 20010625; US 6999920 B1 20060214

DOCDB simple family (application)

EP 00124577 A 20001110; AT 00124577 T 20001110; DE 19957221 A 19991127; DE 50010504 T 20001110; JP 2000349077 A 20001116; KR 20000071015 A 20001127; US 71627200 A 20001121