

Title (en)
Adaptive noise level estimator

Title (de)
Adaptiver Geräuschpegelschätzer

Title (fr)
Estimateur actif de niveau de bruit

Publication
EP 1202253 B1 20050420 (DE)

Application
EP 01440295 A 20010912

Priority
DE 10052626 A 20001024

Abstract (en)
[origin: EP1202253A2] The method involves adopting a definable initializing noise level estimate, determining further estimate values from the minimum of the maximum value of an input signal (x(k)) sampled at preferably equidistant intervals over a short period, adopting the value if the input signal dynamic variation is below a definable threshold (epsilon) and adopting the value as the new noise level estimate n(x) if the dynamic variations exceed a threshold. Independent claims are also included for: a processor unit for supporting the method; and a programmable gate-array unit for supporting the method.

IPC 1-7
G10L 21/02

IPC 8 full level
G10L 15/20 (2006.01); **G10L 21/02** (2006.01); **G10L 21/0208** (2013.01); **H04B 1/10** (2006.01); **H04B 17/00** (2015.01)

CPC (source: EP US)
G10L 21/0208 (2013.01 - EP US)

Cited by
US2022319532A1

Designated contracting state (EPC)
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 1202253 A2 20020502; EP 1202253 A3 20040102; EP 1202253 B1 20050420; AT E293828 T1 20050515; DE 10052626 A1 20020502; DE 50105947 D1 20050525; JP 2002198918 A 20020712; US 2002064288 A1 20020530; US 6842526 B2 20050111

DOCDB simple family (application)
EP 01440295 A 20010912; AT 01440295 T 20010912; DE 10052626 A 20001024; DE 50105947 T 20010912; JP 2001320228 A 20011018; US 97382801 A 20011011