

Title (en)

Method and device for optimized processing of an interfering signal when recording sound

Title (de)

Verfahren und Vorrichtung zur optimierten Verarbeitung eines Störsignals während einer Tonaufnahme

Title (fr)

Procédé et dispositif de traitement optimisé d'un signal perturbateur lors d'une prise de son

Publication

EP 0884926 A1 19981216 (FR)

Application

EP 98401368 A 19980608

Priority

FR 9707106 A 19970609

Abstract (en)

The method involves a series of iterative processing steps. An estimation (101) is made of the noise perturbation, and of the observed signal (102). An optimal filter (103) is used to produce a minimum error between the useful signal and the estimated useful signal. The error (104) between the two signals is optimised to a null value.

IPC 1-7

H04R 3/00

IPC 8 full level

G10L 21/003 (2013.01); **G10L 13/00** (2006.01); **G10L 21/0208** (2013.01); **G10L 21/0224** (2013.01); **G10L 21/04** (2013.01); **G10L 25/78** (2013.01); **H03H 21/00** (2006.01); **H04B 3/23** (2006.01); **H04M 1/60** (2006.01); **H04R 3/00** (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP US)

H04R 3/00 (2013.01 - EP US); **H04R 29/00** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0767569 A1 19970409 - FRANCE TELECOM [FR]
- [A] US 5012519 A 19910430 - ADLERSBERG SHABTAI [IL], et al
- [A] WO 8803341 A1 19880505 - FUJITSU LTD [JP]
- [A] GB 2305831 A 19970416 - MOTOROLA INC [US]

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WO02054823A3

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0884926 A1 19981216; **EP 0884926 B1 20030827**; DE 69817461 D1 20031002; DE 69817461 T2 20040624; FR 2764469 A1 19981211; FR 2764469 B1 20020712; JP 4409642 B2 20100203; JP H1188238 A 19990330; US 6122609 A 20000919

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EP 98401368 A 19980608; DE 69817461 T 19980608; FR 9707106 A 19970609; JP 19795898 A 19980609; US 9374098 A 19980608