Title (en)

A HEARING AID WITH SIGNAL ENHANCEMENT

Title (de)

HÖRGERÄT MIT SIGNALERWEITERUNG

Title (fr)

PROTHÈSE AUDITIVE AVEC AMÉLIORATION DE SIGNAL

Publication

EP 3059979 A1 20160824 (EN)

Application

EP 16164585 A 20111230

Priority

- EP 16164585 A 20111230
- EP 11196247 A 20111230

Abstract (en)

A new method of signal enhancement is provided, comprising providing at least one microphone audio signal (18, 20) in response to sound, filtering one of the at least one microphone audio signal (18, 20) with an adaptive filter (32), and adapting the filter coefficients to minimize the estimate of the target signal (26), thereby providing an estimate of a target signal (26) and an estimate of a noise signal (30) based on the at least one audio signal (18, 20).

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP)

H04R 25/552 (2013.01); H04R 25/407 (2013.01); H04R 2225/43 (2013.01)

Citation (applicant)

WO 0207479 A1 20020124 - GN RESOUND AS [DK], et al

Citation (search report)

- [XI] WO 2011006496 A1 20110120 - WIDEX AS [DK], et al
- [A] WO 0203749 A2 20020110 - GN RESOUND CORP [US]

Cited by

US2021375274A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2611215 A1 20130703; **EP 2611215 B1 20160420**; DK 2611215 T3 20160704; DK 3059979 T3 20200608; EP 3059979 A1 20160824; EP 3059979 B1 20200304

DOCDB simple family (application)

EP 11196247 A 20111230; DK 11196247 T 20111230; DK 16164585 T 20111230; EP 16164585 A 20111230