Title (en)
Method for signal processing of a hearing-aid and corresponding hearing-aid

Title (de)
Verfahren zur Signalverarbeitung einer Hörvorrichtung und entsprechende Hörvorrichtung

Title (fr)
Procédé pour le traitement du signal dans une prothèse acoustique et prothèse acoustique correspondante

Publication
EP 2222096 A3 20130710 (DE)

Application
EP 09180520 A 20091223

Priority
DE 102009004185 A 20090109

Abstract (en)
[origin: DE102009004185B3] The method involves converting an input signal (e) into an intermediate signal (a11) according to conversion algorithm i.e. linear compression algorithm. The input signal is converted into another intermediate signal (a13) according to another conversion algorithm i.e. non-linear compression algorithm, parallel to conversion of the input signal according to the former conversion algorithm. An output signal (a) is formed from the intermediate signals with a mixing ratio that depends on the result of classification. An independent claim is also included for a hearing device comprising a conversion device.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP US)
H04R 25/356 (2013.01 - EP US); **H04R 25/43** (2013.01 - EP US); H04R 2225/41 (2013.01 - EP US); H04R 2225/43 (2013.01 - EP US)

Citation (search report)
- [XYI] EP 1359787 A2 20031105 - GN RESOUND AS [DK]
- [YD] DE 102005061000 A1 20070621 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102009004185 B3 20100415; EP 2222096 A2 20100825; EP 2222096 A3 20130710; US 2010177915 A1 20100715; US 8280084 B2 20121002

DOCDB simple family (application)
DE 102009004185 A 20090109; EP 09180520 A 20091223; US 68508410 A 20100111