

Title (en)

Method for limiting the output level in hearing aids

Title (de)

Verfahren zur Ausgangspegelbegrenzung bei Hörvorrichtungen

Title (fr)

Procédé de limitation du niveau de sortie pour des appareils auditifs

Publication

EP 2648424 A3 20170719 (DE)

Application

EP 13160298 A 20130321

Priority

DE 102012205651 A 20120405

Abstract (en)

[origin: EP2648424A2] A channel-specific compression characteristic curve (12) between input level (LE) and output level (LA) in processing channel of hearing device is specified. An input signal is amplified based on channel-specific operation compression characteristic curve (10). A channel-specific operating compression characteristic curve is defined corresponding to channel-specific compression characteristic curve below channel-specific input level threshold (LS). A course of channel-specific operation compression characteristic curve is defined with a compression ratio greater than threshold.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP)

H04R 25/356 (2013.01); **H04R 2430/03** (2013.01)

Citation (search report)

- [XAI] US 5553151 A 19960903 - GOLDBERG HYMAN [US]
- [XAI] US 2007263891 A1 20071115 - VON BUOL ANDREAS [CH], et al

Cited by

US2021233548A1; US11894006B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2648424 A2 20131009; EP 2648424 A3 20170719; EP 2648424 B1 20190828; AU 2013202444 A1 20131024; AU 2013202444 B2 20141120; DE 102012205651 A1 20131010; DE 102012205651 B4 20180104; DK 2648424 T3 20191202

DOCDB simple family (application)

EP 13160298 A 20130321; AU 2013202444 A 20130404; DE 102012205651 A 20120405; DK 13160298 T 20130321