

Title (en)

Hearing device and method for the adjustment of an amplifying characteristic

Title (de)

Hörvorrichtung und Verfahren zur Einstellung einer Verstärkungskennlinie

Title (fr)

Prothèse auditive et procédé pour l'ajustement d'une caractéristique d'un amplificateur

Publication

EP 1748677 B1 20111123 (DE)

Application

EP 06116984 A 20060711

Priority

DE 102005034647 A 20050725

Abstract (en)

[origin: EP1748677A2] The method involves setting linear ranges (L3, L4, L5) for a hearing device. A transition point such as knee points (K2, K3), is set between the linear ranges so as to separate the linear ranges. An input signal level range of the hearing device is acquired. The transition point is displaced as a function of an input level range (EB) such that the transition point is displaced below the input signal level range. The amplification characteristic is adjusted automatically to the input signal level range. An independent claim is also included for a hearing device comprising an amplification unit.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/356 (2013.01 - EP US); **H04R 25/70** (2013.01 - EP US)

Cited by

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CH DE DK FR GB LI

DOCDB simple family (publication)

EP 1748677 A2 20070131; **EP 1748677 A3 20091021**; **EP 1748677 B1 20111123**; DE 102005034647 B3 20070222; DK 1748677 T3 20120305; US 2007019833 A1 20070125

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EP 06116984 A 20060711; DE 102005034647 A 20050725; DK 06116984 T 20060711; US 49243306 A 20060725