

Title (en)
Hearing-aid with audio signal generator

Title (de)
Hörhilfe mit einem Audiosignalerzeuger

Title (fr)
Prothèse auditive avec générateur de signaux audio

Publication
EP 1885156 A3 20111109 (DE)

Application
EP 07112124 A 20070710

Priority
DE 102006036580 A 20060804

Abstract (en)
[origin: EP1885156A2] The hearing aid (1) has an audio signal unit (9) effectively-connected with a sound generator (5) and producing an audio signal observable by a human ear, where the audio signal has frequencies of a frequency range which are different from each other. The signal unit has audio signal generators (11, 13, 15) that are formed to produce the audio signal with a fundamental frequency and harmonics of the fundamental frequency, where the fundamental frequency represents the audio. The unit has an input (32) for an incidence signal representing an incidence.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP US)
H04R 25/00 (2013.01 - EP US); **H04R 25/305** (2013.01 - EP US); **H04R 2225/61** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1651005 A2 20060426 - PHONAK AG [CH]
- [XY] EP 0820211 A1 19980121 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [Y] US 6394969 B1 20020528 - LENHARDT MARTIN L [US]
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- [A] US 2002021814 A1 20020221 - ROECK HANS-UELI [CH]

Cited by
DE102016102163A1; DE102016102163B4; WO2010072846A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1885156 A2 20080206; EP 1885156 A3 20111109; EP 1885156 B1 20130424; DK 1885156 T3 20130729; US 2008031480 A1 20080207; US 8411886 B2 20130402

DOCDB simple family (application)
EP 07112124 A 20070710; DK 07112124 T 20070710; US 88888407 A 20070802