

Title (en)
Acoustic system with automatic change-over

Title (de)
Akustiksystem mit automatischer Umschaltung

Title (fr)
Système acoustique avec changement automatique

Publication
EP 1662841 B1 20100804 (DE)

Application
EP 05110499 A 20051109

Priority
DE 102004056733 A 20041124

Abstract (en)
[origin: EP1662841A2] A signal processing unit (D) processes amplified microphone signal and outputs it through a speaker. A high frequency detector (HFD) analyzes the amplified electromagnetic signal received by a telephone coil of global system for mobile communication (GSM), universal mobile telecommunication system (UMTS) or Bluetooth, for detection of frequency component of 1MHz to switch over to a telephone hearing loop program. An independent claim is also included for method of operating a hearing aid system.

IPC 8 full level
H04R 25/00 (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP US)
H04R 25/43 (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 25/558** (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US);
H04R 29/00 (2013.01 - EP US)

Cited by
EP2043388A3; US8379889B2; WO2008031901A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1662841 A2 20060531; EP 1662841 A3 20070307; EP 1662841 B1 20100804; AT E476832 T1 20100815; DE 102004056733 A1 20060608;
DE 502005010034 D1 20100916; DK 1662841 T3 20101129; US 2006109994 A1 20060525; US 7702121 B2 20100420

DOCDB simple family (application)
EP 05110499 A 20051109; AT 05110499 T 20051109; DE 102004056733 A 20041124; DE 502005010034 T 20051109;
DK 05110499 T 20051109; US 28389905 A 20051121