

Title (en)  
Method for operating an acoustic prosthesis and acoustic prosthesis with a microphone system wherein different directional characteristics are selectable

Title (de)  
Verfahren zum Betrieb eines Hörhilfegerätes sowie Hörhilfegerät mit einem Mikrofonsystem, bei dem unterschiedliche Richtcharakteristiken einstellbar sind

Title (fr)  
Procédé de commande d'une prothèse auditive et prothèse auditive avec système de microphone dans lequel différentes caractéristiques directionnelles sont réglables

Publication  
**EP 1489884 A3 20070418 (DE)**

Application  
**EP 04013165 A 20040603**

Priority  
DE 10327890 A 20030620

Abstract (en)  
[origin: EP1489884A2] The hearing aid has a microphone system (1,2), a signal processing unit (12) and an output transducer (13), whereby the microphone system has at least two microphone units from which microphone signals (R0,R1) emanate and that have directional characteristics of different order and that vary in operation. The method involves regulating the signal level of at least one microphone unit's output microphone signal to the signal level of a reference signal. An independent claim is also included for the following: (a) a hearing aid for implementing the inventive method.

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

CPC (source: EP US)  
**H04R 25/407** (2013.01 - EP US); **H04R 25/43** (2013.01 - EP US); **H04R 2410/01** (2013.01 - EP US)

Citation (search report)  
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• [DXX] WO 0076268 A2 20001214 - SIEMENS AUDIOLOGISCHE TECHNIK [DE], et al  
• [X] WO 0228140 A2 20020404 - KNOWLES ELECTRONICS LLC [US]  
• [A] US 2002191805 A1 20021219 - HAGEN LAWRENCE T [US], et al  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL HR LT LV MK

DOCDB simple family (publication)  
**EP 1489884 A2 20041222; EP 1489884 A3 20070418; EP 1489884 B1 20121212**; AU 2004202688 A1 20050113; AU 2004202688 B2 20070405; CN 1575042 A 20050202; CN 1575042 B 20100929; DE 10327890 A1 20050120; DK 1489884 T3 20130318; US 2005025325 A1 20050203; US 7340073 B2 20080304

DOCDB simple family (application)  
**EP 04013165 A 20040603**; AU 2004202688 A 20040618; CN 200410059726 A 20040621; DE 10327890 A 20030620; DK 04013165 T 20040603; US 87217204 A 20040618