

Title (en)  
Hearing aid

Title (de)  
Hörgerät

Title (fr)  
Prothèse auditive

Publication  
**EP 0814635 B1 20021002 (DE)**

Application  
**EP 96110068 A 19960621**

Priority  
EP 96110068 A 19960621

Abstract (en)  
[origin: EP0814635A1] The hearing aid comprises an input converter (12), an amplifier - and transmission arrangement (10), an output converter (14) and a calculation arrangement (20), which realises fuzzy-logic functions, and which responds to a output signal (22) of the amplifier- and transmission arrangement, providing a result signal (26). The result signal is conveyed to the amplifier- and transmission arrangement and influences their output signal (28). At least the calculation arrangement is provided as a digital circuit.

IPC 1-7  
**H04R 25/00**

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

CPC (source: EP US)  
**H04R 25/507** (2013.01 - EP US)

Cited by  
EP0964603A1

Designated contracting state (EPC)  
AT CH DE DK LI

DOCDB simple family (publication)  
**EP 0814635 A1 19971229; EP 0814635 B1 20021002**; AT E225591 T1 20021015; DE 59609755 D1 20021107; DK 0814635 T3 20030203; US 6005954 A 19991221

DOCDB simple family (application)  
**EP 96110068 A 19960621**; AT 96110068 T 19960621; DE 59609755 T 19960621; DK 96110068 T 19960621; US 86406397 A 19970528