

Title (en)  
Directional hearing device

Title (de)  
Hörgerät mit Richtcharakteristik

Title (fr)  
Prothèse auditive directionnelle

Publication  
**EP 0924958 B1 20040519 (EN)**

Application  
**EP 98204331 A 19981218**

Priority  
NL 1007858 A 19971219

Abstract (en)  
[origin: EP0924958A1] A hearing device comprising at least two microphones, a processor and an output for further processing in a reproducer, the microphones being electrically coupled to the processor, and the output for further processing in a reproducer being connected to the processor. The processor comprises: a summer providing a sum signal of the microphone signals, and to which summer a proportional amplifier is connected, and a summer for providing a difference signal of the microphone signals, to which summer an integrator is connected, and that the proportional amplifier and the integrator are coupled on the output side to a third summer providing a sum signal of the proportional amplifier and the integrator, and that the third summer forms the output for further processing in a reproducer.

IPC 1-7  
**H04R 3/00**; **H04R 25/00**

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

CPC (source: EP)  
**H04R 25/407** (2013.01); **H04R 25/402** (2013.01)

Cited by  
EP1152637A1; NL1015111C2; US7324649B1; US7929721B2; US7953237B2; EP1771038B2

Designated contracting state (EPC)  
CH DE DK GB LI NL

DOCDB simple family (publication)  
**EP 0924958 A1 19990623**; **EP 0924958 B1 20040519**; DE 69823971 D1 20040624; DE 69823971 T2 20050623; DK 0924958 T3 20040927; NL 1007858 C2 19990622

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