

Title (en)
Directional hearing device

Title (de)
Hörgerät mit Richtcharakteristik

Title (fr)
Prothèse auditive directionnelle

Publication
EP 0924958 A1 19990623 (EN)

Application
EP 98204331 A 19981218

Priority
NL 1007858 A 19971219

Abstract (en)
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)

Citation (search report)

- [YD] WO 9512961 A1 19950511 - MOTOROLA INC [US]
- [Y] US 4334740 A 19820615 - WRAY WILLIAM R
- [A] DE 4436272 A1 19960418 - SCHALLTECHNIK DR ING SCHOEPS G [DE]
- [A] US 4773095 A 19880920 - ZWICKER EBERHARD [DE], et al
- [A] EP 0430513 A2 19910605 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] EP 0652686 A1 19950510 - AT & T CORP [US]

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

DOCDB simple family (application)
EP 98204331 A 19981218; DE 69823971 T 19981218; DK 98204331 T 19981218; NL 1007858 A 19971219