

Title (en)  
Hearing aid.

Title (de)  
Hörgerät.

Title (fr)  
Appareil auditif.

Publication  
**EP 0219025 A1 19870422 (DE)**

Application  
**EP 86113800 A 19861006**

Priority  
DE 3536881 A 19851016

Abstract (en)  
[origin: EP0219025B1] 1. A hearing aid, for people with damaged hearing, with a sound pick-up microphone arrangement and earphone between which is connected an arrangement of several voice frequency selecting channels (4 to 9), in which there is provided in each individual voice frequency selecting channel a device (16) for measuring the strength of a signal and a summing element (29) having a positive and at least one negative input, the positive input of the summing element being coupled to the output of the same-channel and the negative input of the summing element being coupled with the output of a measuring device (16) in the adjacent channel, with the differential signal given off by the summing element (29) influencing the amplification in the same channel voice frequency selecting channel.

Abstract (de)  
Zwischen Schallaufnahmемикrofonanordnung (2) und Hörer (24) des Hörgerätes ist eine Anordnung aus mehreren Frequenzselektierkanälen (4 bis 9) eingeschaltet, denen eine Einrichtung (16) zum Messen der Stärke eines Signals in jedem einzelnen Sprachfrequenzselektierkanal und zur Beeinflussung der Kanäle untereinander im Sinne der Unterdrückung von schwachen Signalkanälen zum Vorteil von starken Signalkanälen zugeordnet ist.

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

IPC 8 full level  
**H04R 25/04** (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)  
**H04R 25/502** (2013.01 - EP US)

Citation (search report)  
• [XD] DE 3027953 A1 19820225 - ZUCH ERHARD H [DE]  
• [XD] EP 0076687 A1 19830413 - SIGNATRON [US]  
• [AD] WO 8302212 A1 19830623 - DANA VOX AS [DK]

Cited by  
US4953216A; DE19619312A1; DE102006046703A1; US8139799B2; EP3048813B1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0219025 A1 19870422; EP 0219025 B1 19900613**; AT E53735 T1 19900615; DE 3672082 D1 19900719; DK 492186 A 19870417; DK 492186 D0 19861015; JP S6295099 A 19870501; US 5046102 A 19910903

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**EP 86113800 A 19861006**; AT 86113800 T 19861006; DE 3672082 T 19861006; DK 492186 A 19861015; JP 24286786 A 19861013; US 91846886 A 19861014