

Title (en)
HEARING AID

Publication
EP 0206213 B1 19900919 (DE)

Application
EP 86108215 A 19860616

Priority
DE 8518681 U 19850627

Abstract (en)
[origin: US4739512A] A hearing aid has a housing which includes electronic components such as a microphone, amplifier, power source and receiver, as well as suitable structure for mounting and retaining those components. The housing is inserted in a cavity in a shell. The exterior of the shell is matched to the shape of the auditory canal of the user. The cavity of the shell in which the housing is received tapers to a smallest diameter at a sound discharge end of the shell. The housing also has a smallest diameter at this location. A releasable latch is disposed in the region of the smallest diameter for holding said housing in place within the shell during use, but permitting removal of the housing for repair or replacement without damaging the shell.

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H04R 25/02

IPC 8 full level
H04R 25/00 (2006.01); **H04R 25/02** (2006.01)

CPC (source: EP US)
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Cited by
DE4140850C1; US5146051A; EP0378579A4; EP0451784A3; DE4215711C3; DE3540579A1; EP2443842B1; EP1692915B1

Designated contracting state (EPC)
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US 4739512 A 19880419; AT E56848 T1 19901015; CA 1258434 A 19890815; DE 3674260 D1 19901025; DE 8518681 U1 19860612; DK 174395 B1 20030127; DK 298186 A 19861228; DK 298186 D0 19860625; EP 0206213 A1 19861230; EP 0206213 B1 19900919; JP H0530360 B2 19930507; JP S622800 A 19870108

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US 87592986 A 19860619; AT 86108215 T 19860616; CA 512374 A 19860625; DE 3674260 T 19860616; DE 8518681 U 19850627; DK 298186 A 19860625; EP 86108215 A 19860616; JP 14801586 A 19860624