

Title (en)
Hearing instrument with flexible frequency response shaping

Title (de)
Hörgerät mit flexibler Gestaltbarkeit des Frequenzverhaltens

Title (fr)
Instrument auditif avec réponse fréquentielle ajustable

Publication
EP 1458217 A3 20050202 (EN)

Application
EP 04010647 A 20040505

Priority
EP 04010647 A 20040505

Abstract (en)
[origin: EP1458217A2] An acoustic filter (11) of a hearing instrument or acoustic device (1), respectively, is being detachably placed nearby or at the opening (3) for the acoustic output of the instrument or device, respectively. The filtering element (11) is made of a polymer material, a synthetic, metallic or ceramic material or a fabric-like material. <IMAGE>

IPC 1-7
H04R 25/00; **H04R 1/22**

IPC 8 full level
H04R 1/22 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP)
H04R 1/22 (2013.01); **H04R 25/456** (2013.01); **H04R 25/48** (2013.01); **H04R 25/654** (2013.01)

Citation (search report)
• [XY] US 4553627 A 19851119 - GASTMEIER WILLIAM J [CA], et al
• [X] US 5982908 A 19991109 - BAUMAN NATAN [US]
• [X] US 5131128 A 19920721 - BISGAARD PETER N [DK], et al
• [Y] US 5278360 A 19940111 - CARBE MANFRED K [CA], et al

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EP2001264A3; EP2088803A3; DE102007058987B3; EP2003931A3; AU2006347791B2; JP2010515312A; US9369816B2; US8295522B2; US10284974B2; WO2008025355A1; US8238594B2; EP2068587A2; US8763238B2; US10264374B2; US11076245B2; US8254607B2; US8792665B2

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