

Title (en)

DEVICE FOR PREVENTING THE PENETRATION OF FOREIGN BODIES IN A SOUND TRANSDUCER

Publication

EP 0421233 A3 19920812 (DE)

Application

EP 90118347 A 19900924

Priority

US 41738989 A 19891005

Abstract (en)

[origin: US4953215A] In an arrangement to prevent the intrusion of foreign matter into a transducer which extends with a projection provided with an opening into a sound channel of a hearing aid, a reduced need for space as well as simpler construction, compared with the state of the art, are achieved by means of the following characterizing features: A membrane made of pore-free material is provided, which has at least one bore for the passage of sound of from a few hundredths to a few tenths of a millimeter diameter, and in which the wall thickness of the membrane is small with respect to the diameter of the bore.

IPC 1-7

H04R 25/02

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/654 (2013.01 - EP US)

Citation (search report)

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- [A] US 4553627 A 19851119 - GASTMEIER WILLIAM J [CA], et al
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US 4953215 A 19900828; AT E108051 T1 19940715; DE 59006302 D1 19940804; DK 0421233 T3 19941107; EP 0421233 A2 19910410; EP 0421233 A3 19920812; EP 0421233 B1 19940629

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