

Title (en)
Device for preventing the penetration of foreign bodies in a sound transducer.

Title (de)
Vorrichtung gegen das Eindringen von Fremdkörpern in einen Schallwandler.

Title (fr)
Dispositif contre la pénétration d'impuretés dans un transducteur sonore.

Publication
EP 0421233 B1 19940629 (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.

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H04R 25/02

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP US)
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Cited by
EP0855847A3; DE102010041695A1; EP0548580A1; WO9515067A1

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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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