

Title (en)  
Acoustic transmission device

Title (de)  
Schallübertragungsvorrichtung

Title (fr)  
Dispositif de transmission sonique

Publication  
**EP 1995991 A3 20120725 (DE)**

Application  
**EP 08103691 A 20080423**

Priority  
DE 102007020056 A 20070427

Abstract (en)  
[origin: EP1995991A2] The apparatus (104) has an inner component (110) including a film-type component sealing a through opening (111) on a side. An outer component (107) partially surrounds the inner component and includes an opening (120). The outer and the inner components are connected to each other as a single piece via a multi-component injection molding, where the outer component is made of silicon and the inner component and the film-type components are made of polyethylene such that the outer component is less hard than the inner component.

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

CPC (source: EP US)  
**H04R 25/60** (2013.01 - EP US); **H04R 25/652** (2013.01 - EP US); **H04R 25/656** (2013.01 - EP US); **H04R 25/607** (2019.04 - EP US); **H04R 25/654** (2013.01 - EP US); **H04R 2225/021** (2013.01 - EP US)

Citation (search report)

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- [Y] WO 2005000158 A2 20050106 - ETYMOTIC RES INC [US]
- [Y] US 5002151 A 19910326 - OLIVEIRA ROBERT J [US], et al
- [Y] WO 2006118046 A1 20061109 - MITSUBISHI PENCIL CO [JP], et al

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DE102018107195B3; US2022408176A1; US11601745B2; WO2019149947A1; US11218819B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 1995991 A2 20081126; EP 1995991 A3 20120725**; US 2008267437 A1 20081030

DOCDB simple family (application)  
**EP 08103691 A 20080423**; US 15001308 A 20080424