

Title (en)

Hearing aid with reduced acoustic wind sensitivity

Title (de)

Hörgerät mit verringerter akustischer Windempfindlichkeit

Title (fr)

Appareil auditif avec sensibilité acoustique au vent réduite

Publication

**EP 2506601 A1 20121003 (DE)**

Application

**EP 12158831 A 20120309**

Priority

DE 102011006563 A 20110331

Abstract (en)

The hearing aid (1) has a hearing aid housing (2) provided with a glass fiber-reinforced housing surface (7) on which a shark-skin structure is formed. The shark-skin structure comprises flakes i.e. hearing aid hooks (5), that are coated with paint and exhibit length in a range between 0.1 micrometer and 0.1 mm. The flakes exhibit height smaller than the length, and comprise channel-shaped recesses and rib-shaped projections that are arranged parallel to each other for defining a longitudinal axis. The shark skin structure is made from biocompatible material.

Abstract (de)

Die vorliegende Erfindung beschreibt ein Hörgerät (2) mit einer verringerten akustischen Windempfindlichkeit, das eine Oberfläche (7) mit einer Haifischhautstruktur (6) umfasst.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/65** (2013.01 - EP US); **H04R 25/607** (2019.04 - EP US); **H04R 25/658** (2013.01 - EP US); **H04R 2410/07** (2013.01 - EP US)

Citation (search report)

- [A] US 2002085729 A1 20020704 - MARX THEODORE J [US]
- [A] DE 10351247 A1 20050616 - WEBASTO AG FAHRZEUGTECHNIK [DE]
- [A] WO 2004091998 A1 20041028 - DAIMLER CHRYSLER AG [DE], et al
- [A] FRAUNHOFER-INSTITUT FÜR BAUPHYSIK: "Umweltfreundlich und wirtschaftlich in die Luft gehen", 30 March 2011 (2011-03-30), XP002679173, Retrieved from the Internet <URL:http://www.fraunhofer.de/> [retrieved on 20120702]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102011006563 B3 20120510**; CN 102740210 A 20121017; DK 2506601 T3 20150223; EP 2506601 A1 20121003; EP 2506601 B1 20141119; US 2012250921 A1 20121004; US 8744107 B2 20140603

DOCDB simple family (application)

**DE 102011006563 A 20110331**; CN 201210092975 A 20120331; DK 12158831 T 20120309; EP 12158831 A 20120309; US 201213437050 A 20120402