

Title (en)

SMART FLEXIBLE INTERACTIVE EARPLUG

Title (de)

INTELLIGENTER FLEXIBLER INTERAKTIVER OHRSTÖPSEL

Title (fr)

BOUCHON D'OREILLE INTERACTIF, FLEXIBLE ET INTELLIGENT

Publication

**EP 3213529 A4 20180606 (EN)**

Application

**EP 15855016 A 20151029**

Priority

- US 201462072776 P 20141030
- US 2015057998 W 20151029

Abstract (en)

[origin: TW201630434A] An embodiment of the invention provides a resiliently deformable and flexible in-ear sound device having stretchable electronic circuitry. The in-ear sound device may be configured in a variety of ways, including, but in no way limited to a smart earplug, a flexible personal sound amplification product, a personal music player, a "walkie-talkie" and the like.

IPC 8 full level

**H04R 1/10** (2006.01)

CPC (source: EP US)

**A61B 5/6817** (2013.01 - EP US); **H04R 1/04** (2013.01 - EP US); **H04R 1/1016** (2013.01 - EP US); **H04R 1/1041** (2013.01 - EP US); **H04W 4/80** (2018.01 - EP); **H04R 1/1083** (2013.01 - EP US); **H04R 2201/103** (2013.01 - EP US); **H04R 2201/107** (2013.01 - EP US); **H04R 2420/07** (2013.01 - EP US); **H04R 2460/11** (2013.01 - EP US)

Citation (search report)

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- [A] WO 2004078064 A2 20040916 - SOFTEAR TECHNOLOGIES L L C [US], et al
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Designated contracting state (EPC)

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DOCDB simple family (publication)

CN 107211203 A 20170926; CN 107211203 B 20200121; EP 3213529 A2 20170906; EP 3213529 A4 20180606; TW 201630434 A 20160816

DOCDB simple family (application)

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