

Title (en)

ELECTRONIC DEVICE WITH AN ACOUSTIC COMPONENT AND A TEXTILE ELEMENT

Title (de)

ELEKTRISCHES GERÄT MIT EINER AKUSTIKKOMPONENTE UND EINEM TEXTILELEMENT

Title (fr)

DISPOSITIF ÉLECTRIQUE AVEC UN COMPOSANT ACOUSTIQUE ET UN ÉLEMENT TEXTILE

Publication

**EP 3219837 B1 20190814 (DE)**

Application

**EP 16160356 A 20160315**

Priority

EP 16160356 A 20160315

Abstract (en)

[origin: WO2017157560A1] The invention relates to an electrical device having an acoustic component for transmitting sound, which acoustic component has a textile element having a multi-layer structure, wherein the textile element has a single woven fabric, which is woven in a multiple-layer manner with at least a first woven fabric layer and a second woven fabric layer. The first woven fabric layer is formed from at least one first thread having a first thread diameter and the second woven fabric layer is formed from at least one second thread having a second thread diameter, which is smaller than the first thread diameter.

IPC 8 full level

**D03D 1/00** (2006.01); **D03D 11/00** (2006.01); **D03D 13/00** (2006.01); **D03D 15/00** (2006.01); **H04R 1/02** (2006.01); **H04R 1/08** (2006.01)

CPC (source: EP)

**D03D 1/00** (2013.01); **D03D 11/00** (2013.01); **D03D 13/008** (2013.01); **D03D 15/43** (2021.01); **H04R 1/023** (2013.01); **H04R 1/086** (2013.01)

Cited by

DE102021122217A1; DE102021122220A1; WO2023025479A1; WO2023025478A1

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

DOCDB simple family (publication)

**EP 3219837 A1 20170920**; **EP 3219837 B1 20190814**; WO 2017157560 A1 20170921

DOCDB simple family (application)

**EP 16160356 A 20160315**; EP 2017051979 W 20170131