

Title (en)

METHOD FOR ELECTRICALLY CONTACTING A PIEZOCERAMIC

Title (de)

VERFAHREN ZUM ELEKTRISCHEN KONTAKTIEREN EINER PIEZOKERAMIK

Title (fr)

PROCÉDÉ POUR LE CONTACT ÉLECTRIQUE D'UNE PIÉZOCÉRAMIQUE

Publication

EP 3010656 A1 20160427 (DE)

Application

EP 14728127 A 20140526

Priority

- DE 102013211596 A 20130620
- EP 2014060765 W 20140526

Abstract (en)

[origin: WO2014202336A1] The invention relates to a method for electrically contacting a piezoceramic (14), comprising the following steps: a) providing the piezoceramic (14) having electrodes (40, 42) for electrically contacting the piezoceramic (14) and a flexible electrically conductive film (16); b) forming a composite (46) by applying the flexible electrically conductive film (14) at least partially to an electrode of the piezoceramic (14); c) forming a permanent electrically conductive connection between the flexible electrically conductive film (16) and the electrode (40, 42) of the piezoceramic (14). The invention further relates to an acoustic transducer (14) and to an acoustic transducer array produced with the aid of the method for electrically contacting a piezoceramic (14).

IPC 8 full level

B06B 1/06 (2006.01); **H10N 30/06** (2023.01); **H10N 30/87** (2023.01)

CPC (source: EP US)

B06B 1/06 (2013.01 - EP US); **B06B 1/0622** (2013.01 - US); **B06B 1/0662** (2013.01 - US); **H10N 30/06** (2023.02 - EP US)

Citation (examination)

US 2013002095 A1 20130103 - VAN DER LINDEN KLAUS [DE]

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 102013211596 A1 20141224; CN 105339098 A 20160217; CN 105339098 B 20190115; EP 3010656 A1 20160427; US 10074797 B2 20180911; US 2016141488 A1 20160519; WO 2014202336 A1 20141224

DOCDB simple family (application)

DE 102013211596 A 20130620; CN 201480035413 A 20140526; EP 14728127 A 20140526; EP 2014060765 W 20140526; US 201414899918 A 20140526