

Title (en)

MICRO-ACOUSTIC COMPONENT HAVING IMPROVED TEMPERATURE COMPENSATION

Title (de)

MIKROAKUSTISCHES BAUELEMENT MIT VERBESSERTER TEMPERATURKOMPENSATION

Title (fr)

COMPOSANT MICRO-ACOUSTIQUE À COMPENSATION DE TEMPÉRATURE AMÉLIORÉE

Publication

**EP 3183811 A1 20170628 (DE)**

Application

**EP 15735958 A 20150709**

Priority

- DE 102014111993 A 20140821
- EP 2015065728 W 20150709

Abstract (en)

[origin: WO2016026612A1] For a component that operates by means of acoustic waves, the invention proposes the compensation of a negative temperature coefficient of the frequency by the provision of a compensation coating on the component, said coating comprising a material based on a chemical compound of at least two elements, the compound having a negative thermal expansion coefficient.

IPC 8 full level

**H03H 9/02** (2006.01)

CPC (source: EP US)

**H03H 9/02102** (2013.01 - EP US); **H03H 9/02834** (2013.01 - EP US); **H03H 9/14544** (2013.01 - US); **H03H 9/462** (2013.01 - US)

Citation (search report)

See references of WO 2016026612A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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**DE 102014111993 A1 20160225**; **DE 102014111993 B4 20171221**; CN 106716826 A 20170524; CN 106716826 B 20200929; EP 3183811 A1 20170628; JP 2017523645 A 20170817; JP 6517841 B2 20190522; US 10224897 B2 20190305; US 2017194932 A1 20170706; WO 2016026612 A1 20160225

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**DE 102014111993 A 20140821**; CN 201580050878 A 20150709; EP 15735958 A 20150709; EP 2015065728 W 20150709; JP 2016570834 A 20150709; US 201515314790 A 20150709