

Title (en)

Contacting device for an electric component or electric switch

Title (de)

Kontaktierungsvorrichtung für ein elektrisches Bauelement oder eine elektrische Schaltung

Title (fr)

Dispositif de mise en contact pour un composant électrique ou un commutateur électrique

Publication

**EP 2180550 A3 20130123 (DE)**

Application

**EP 09172548 A 20091008**

Priority

DE 102008043137 A 20081023

Abstract (en)

[origin: EP2180550A2] The device (2) has a surface coating or a surface structure provided on a flat side in such a manner that existing electrical resonance in an area of the contact device above a barrier frequency is strongly damped than the frequency of an electrical signal below the barrier frequency. The flat side is coated with a material having a lower electrical conductivity, where the surface structure is formed from grooves or channels. Contact sections (3) are attached to an end of a conductor, where a thickness of the surface coating is measured with the electrical conductivity.

IPC 8 full level

**H01R 4/58** (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP)

**H01R 4/58** (2013.01); **H01R 13/03** (2013.01); **H01R 4/62** (2013.01); **H01R 13/719** (2013.01)

Citation (search report)

- [AD] DE 868167 C 19530223 - SIEMENS AG
- [A] EP 1788585 A1 20070523 - KOBE STEEL LTD [JP]
- [A] EP 0085816 A2 19830817 - AUTOMATION IND INC [US]

Cited by

LU93316B1; CN109983627A; WO2018091332A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2180550 A2 20100428**; **EP 2180550 A3 20130123**; **EP 2180550 B1 20151223**; DE 102008043137 A1 20100429

DOCDB simple family (application)

**EP 09172548 A 20091008**; DE 102008043137 A 20081023