

Title (en)

ELECTRIC CONNECTING ELEMENT FOR CONTACTING AN ELECTRICALLY CONDUCTIVE STRUCTURE ON A SUBSTRATE

Title (de)

ELEKTRISCHES ANSCHLUSSELEMENT ZUR KONTAKTIERUNG EINER ELEKTRISCH LEITFÄHIGEN STRUKTUR AUF EINEM SUBSTRAT

Title (fr)

ÉLÉMENT DE CONNEXION ÉLECTRIQUE SERVANT À CONNECTER UNE STRUCTURE ÉLECTRIQUEMENT CONDUCTRICE À UN SUBSTRAT

Publication

EP 3138363 A1 20170308 (DE)

Application

EP 15709891 A 20150311

Priority

- EP 14166290 A 20140429
- EP 2015055007 W 20150311

Abstract (en)

[origin: WO2015165632A1] The invention relates to an electric connecting element (1) for electrically contacting an electrically conductive structure (5) on a substrate (6), at least comprising two solid sub-elements (2, 3) made from different material. The first sub-element (2) is provided in order to be soldered to the electrically conductive structure (5) and the second sub-element (3) is provided in order to be connected to an electric connection cable. The first sub-element (2) and the second sub-element (3) are interconnected by means of at least one rivet (4).

IPC 8 full level

H05B 3/84 (2006.01); **H01R 4/06** (2006.01)

CPC (source: CN EP KR US)

H01R 4/06 (2013.01 - CN EP KR US); **H01R 4/62** (2013.01 - CN EP KR); **H01R 12/57** (2013.01 - CN EP KR US); **H01R 12/718** (2013.01 - US); **H01R 13/2442** (2013.01 - US); **H01R 43/205** (2013.01 - EP US); **H05B 3/84** (2013.01 - CN EP KR US); **H01R 4/62** (2013.01 - US); **H01R 2201/02** (2013.01 - EP); **H01R 2201/26** (2013.01 - CN EP KR US); **H05B 2203/016** (2013.01 - CN EP KR US); **H05B 2203/017** (2013.01 - CN EP KR US)

Citation (search report)

See references of WO 2015165632A1

Citation (examination)

US 2012067641 A1 20120322 - TOKIWA JUNICHI [JP], et al

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)

WO 2015165632 A1 20151105; BR 112016025167 A2 20170815; CA 2944365 A1 20151105; CN 106507693 A 20170315; CN 106507693 B 20200317; EA 034080 B1 20191225; EA 201692178 A1 20170228; EP 3138363 A1 20170308; JP 2017520899 A 20170727; JP 6483241 B2 20190313; KR 101868258 B1 20180615; KR 20170017872 A 20170215; MX 2016014063 A 20170619; MX 361114 B 20181128; US 10374343 B2 20190806; US 10873143 B2 20201222; US 2017033481 A1 20170202; US 2019326691 A1 20191024

DOCDB simple family (application)

EP 2015055007 W 20150311; BR 112016025167 A 20150311; CA 2944365 A 20150311; CN 201580023606 A 20150311; EA 201692178 A 20150311; EP 15709891 A 20150311; JP 2017508748 A 20150311; KR 20167030242 A 20150311; MX 2016014063 A 20150311; US 201515303729 A 20150311; US 201916455639 A 20190627