

Title (en)
ELECTRICAL CONTACT ELEMENT

Title (de)
ELEKTRISCHES KONTAKTELEMENT

Title (fr)
ELEMENT DE CONTACT ELECTRIQUE

Publication
EP 2569825 A1 20130320 (DE)

Application
EP 11709858 A 20110128

Priority
• DE 102010020346 A 20100512
• DE 2011075013 W 20110128

Abstract (en)
[origin: WO2011141021A1] The invention relates to an electrical contact element, which is made from solid material, is designed as a pin contact (2a) or a socket contact (2b), and has a plugging section (2) and a connection section (3) for contacting a stranded electrical conductor, wherein the connection section (3) is designed as a crimp connection, and wherein the connection section (3) is shaped like a hollow cylinder (3a) that contains a slit (4) in the axial direction.

IPC 8 full level
H01R 13/04 (2006.01); **H01R 4/20** (2006.01); **H01R 43/055** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP KR US)
H01R 4/18 (2013.01 - KR); **H01R 4/20** (2013.01 - EP US); **H01R 13/04** (2013.01 - EP KR US); **H01R 13/111** (2013.01 - US); **H01R 43/16** (2013.01 - EP US); **H01R 43/055** (2013.01 - EP US)

Citation (search report)
See references of WO 2011141021A1

Cited by
DE102019132127A1; DE102019106926A1; DE102013106608B3; WO2016095895A1; WO2014206395A1; WO2021104572A1;
DE102021120465A1; WO2023011686A1; US11909162B2

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)
DE 102010020346 A1 20111117; CN 102884682 A 20130116; CN 102884682 B 20170315; EP 2569825 A1 20130320;
EP 2569825 B1 20180516; EP 3196983 A2 20170726; EP 3196983 A3 20171004; JP 2013528905 A 20130711; JP 3195008 U 20141225;
KR 20130028120 A 20130318; RU 2012153672 A 20140620; RU 2533165 C2 20141120; US 2013052888 A1 20130228;
US 8834215 B2 20140916; WO 2011141021 A1 20111117

DOCDB simple family (application)
DE 102010020346 A 20100512; CN 201180023467 A 20110128; DE 2011075013 W 20110128; EP 11709858 A 20110128;
EP 17000261 A 20110128; JP 2013509450 A 20110128; JP 2014004467 U 20140822; KR 20127032333 A 20110128;
RU 2012153672 A 20110128; US 201113695852 A 20110128