

Title (en)
ELECTRICAL CONTACT ELEMENT

Title (de)
ELEKTRISCHES KONTAKTELEMENT

Title (fr)
ÉLÉMENT DE CONTACT ÉLECTRIQUE

Publication
EP 2223391 A1 20100901 (DE)

Application
EP 08864948 A 20081217

Priority
• DE 2008002106 W 20081217
• DE 102007063592 A 20071221

Abstract (en)
[origin: WO2009079999A1] The invention relates to a contact element for the transmission of current, consisting of a terminal connector (10) and a contact area (51). The aim of the invention is to provide a contact element (8, 9) which allows at least two elements to be contacted in a reliable and easy manner. The contact element according to the invention is characterized in that two functionally independent contact points (52, 53) are formed in the contact area (51) and have respective pairs of spring arms (58, 59, 60, 61) extending away from a base (50), said pair of spring arms forming a jack (62, 65) for receiving a contact pin (32, 33, 54).

IPC 8 full level
H01R 13/11 (2006.01); **H01R 24/08** (2006.01); **H01R 24/76** (2011.01)

CPC (source: BR EP)
H01R 13/111 (2013.01 - BR EP); **H01R 24/78** (2013.01 - EP); **H01R 24/78** (2013.01 - BR); **H01R 27/02** (2013.01 - BR EP);
H01R 2103/00 (2013.01 - BR EP)

Citation (search report)
See references of WO 2009079999A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007063592 A1 20090702; AU 2008340915 A1 20090702; AU 2008340915 B2 20130919; BR PI0821774 A2 20150616;
BR PI0821774 B1 20190122; CN 101926056 A 20101222; CN 101926056 B 20131030; EP 2223391 A1 20100901; EP 2223391 B1 20181024;
ES 2706609 T3 20190329; RU 2010130491 A 20120127; RU 2490764 C2 20130820; WO 2009079999 A1 20090702

DOCDB simple family (application)
DE 102007063592 A 20071221; AU 2008340915 A 20081217; BR PI0821774 A 20081217; CN 200880125473 A 20081217;
DE 2008002106 W 20081217; EP 08864948 A 20081217; ES 08864948 T 20081217; RU 2010130491 A 20081217