

Title (en)
SOCKET CONTACT

Title (de)
BUCHSENKONTAKT

Title (fr)
CONTACT FEMELLE

Publication
EP 2946443 A1 20151125 (DE)

Application
EP 13824095 A 20131106

Priority
• DE 102013100493 A 20130118
• DE 2013100375 W 20131106

Abstract (en)
[origin: DE102013100493B3] The contact (1) has two spring arms (4) whose ends comprise contact regions, where the contact is formed from a hollow cylinder. An axial slot (3) is brought into the hollow cylinder, where the two spring arms are formed at the axial slot. The contact regions are designed as a truncated pyramid that is formed with a curved top surface, where the curved top surface of the truncated pyramid produces two touching contacts with a pin contact. The spring arms are flexed to each other in a radial direction and exhibit a wall thickness that is varied in an axial direction.

IPC 8 full level
H01R 13/11 (2006.01); **H01R 43/16** (2006.01)

CPC (source: CN EP RU US)
H01R 13/111 (2013.01 - CN EP US); **H01R 13/187** (2013.01 - US); **H01R 43/16** (2013.01 - CN EP US); **H01R 13/111** (2013.01 - RU); **H01R 13/187** (2013.01 - RU); **H01R 43/16** (2013.01 - RU); **Y10T 29/49206** (2015.01 - EP US)

Citation (search report)
See references of WO 2014111074A1

Cited by
DE102019109579B3; EP3723214A1

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)
DE 102013100493 B3 20131224; BR 112015016698 A2 20170711; CN 104919659 A 20150916; CN 104919659 B 20180123; DK 2946443 T3 20170501; EP 2946443 A1 20151125; EP 2946443 B1 20170222; ES 2623887 T3 20170712; JP 2016503951 A 20160208; JP 6099769 B2 20170322; PL 2946443 T3 20170831; RU 2015134400 A 20170227; RU 2623730 C2 20170629; US 2015357738 A1 20151210; WO 2014111074 A1 20140724

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DE 102013100493 A 20130118; BR 112015016698 A 20131106; CN 201380070894 A 20131106; DE 2013100375 W 20131106; DK 13824095 T 20131106; EP 13824095 A 20131106; ES 13824095 T 20131106; JP 2015553008 A 20131106; PL 13824095 T 20131106; RU 2015134400 A 20131106; US 201314760406 A 20131106