

Title (en)

CONTACT CLAMP AND CONNECTOR HAVING CONTACT CLAMP

Title (de)

KONTAKTKLEMME UND VERBINDER MIT KONTAKTKLEMME

Title (fr)

BORNE DE CONNEXION ET CONDUCTEUR DE RACCORDEMENT AVEC BORNE DE CONNEXION

Publication

EP 2356721 A1 20110817 (DE)

Application

EP 09767983 A 20091208

Priority

- EP 2009008750 W 20091208
- DE 102008061268 A 20081210

Abstract (en)

[origin: WO2010066399A1] The invention relates to a contact clamp for connecting a conductor end to an electrical contact and having an insertion side from which the conductor end can be inserted into the contact clamp, comprising a clamp limb that is mounted in a pivotal manner and can be pivoted between an open pivot position and a closed pivot position. The clamp limb clamps the conductor end against the contact section in the closed pivot position, when the conductor end is inserted into the contact clamp in the target contact position, and the clamp limb is pivoted away from the contact section in the open pivot position and releases the contact region in the contact clamp such that the conductor end can be inserted into the contact clamp in the open pivot position and is released for removal from the contact clamp. The clamp limb runs obliquely to the contact section and is designed in an elastically moveable way in the closed pivoting position, such that the conductor end can be inserted into the contact clamp in the closed pivot position while elastically pushing the clamp limb into the target contact position.

IPC 8 full level

H01R 13/15 (2006.01)

CPC (source: EP US)

H01R 4/489 (2013.01 - EP US); **H01R 11/22** (2013.01 - US); **H01R 11/24** (2013.01 - US); **H01R 13/15** (2013.01 - EP US); **H01R 4/48185** (2023.08 - EP); **H01R 13/42** (2013.01 - EP US); **H01R 13/502** (2013.01 - EP US); **H01R 2101/00** (2013.01 - EP)

Citation (search report)

See references of WO 2010066399A1

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

DOCDB simple family (publication)

WO 2010066399 A1 20100617; BR 122020023680 B1 20210309; BR PI0922446 A2 20200811; BR PI0922446 B1 20210112; CN 102282725 A 20111214; CN 102282725 B 20150401; CN 103531921 A 20140122; CN 103531921 B 20160525; DE 102008061268 A1 20100624; DE 102008061268 B4 20170223; EP 2356721 A1 20110817; EP 2356721 B1 20151014; EP 2381536 A2 20111026; EP 2381536 A3 20140514; EP 2381536 B1 20180411; ES 2558135 T3 20160202; ES 2669040 T3 20180523; JP 2012511795 A 20120524; JP 5697602 B2 20150408; US 2011318975 A1 20111229; US 8727819 B2 20140520

DOCDB simple family (application)

EP 2009008750 W 20091208; BR 122020023680 A 20091208; BR PI0922446 A 20091208; CN 200980154518 A 20091208; CN 201310413080 A 20091208; DE 102008061268 A 20081210; EP 09767983 A 20091208; EP 11005784 A 20091208; ES 09767983 T 20091208; ES 11005784 T 20091208; JP 2011539944 A 20091208; US 200913132789 A 20091208