

Title (en)

ELECTRICAL CONTACT DEVICE OF THE CONTACT FINGER TYPE WITH A STRONG NOMINAL CURRENT

Title (de)

ELEKTRISCHE KONTAKTVORRICHTUNG IN FORM EINES KONTAKTFINGERS MIT STARKEM NENNSTROM

Title (fr)

DISPOSITIF DE CONTACT ÉLECTRIQUE DE TYPE DOIGT DE CONTACT A FORT COURANT NOMINAL

Publication

EP 2904623 B1 20160713 (FR)

Application

EP 13767003 A 20130930

Priority

- FR 1259334 A 20121002
- EP 2013070318 W 20130930

Abstract (en)

[origin: WO2014053429A1] The invention relates to an electrical contact device of the contact finger type with a strong nominal current between a first part (10) which is conductive and a conductive surface (26) of a second part (11) comprising a flexible pin (22) connected to a first element for mechanical and electrical connection to the first part (10), a contact part (12) applied to the conductive surface of the second part (11) and at least one metal contact blade arranged on a first end between a first end of the flexible pin (22) and the first part (10), wherein the flexible pin (22) is conductive and wherein the at least one metal blade (21) is connected, by the second end thereof, to the second end of the flexible pin (22) by means of a second element for mechanical and electrical connection (24).

IPC 8 full level

H01H 1/22 (2006.01); **H01H 1/24** (2006.01)

CPC (source: CN EP US)

H01H 1/02 (2013.01 - US); **H01H 1/22** (2013.01 - CN EP US); **H01H 1/24** (2013.01 - CN EP US); **H01H 2001/5827** (2013.01 - CN EP US)

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)

FR 2996352 A1 20140404; **FR 2996352 B1 20141031**; CN 104662631 A 20150527; CN 104662631 B 20170808; EP 2904623 A1 20150812; EP 2904623 B1 20160713; JP 2015536022 A 20151217; US 2015235781 A1 20150820; US 9443666 B2 20160913; WO 2014053429 A1 20140410

DOCDB simple family (application)

FR 1259334 A 20121002; CN 201380049770 A 20130930; EP 13767003 A 20130930; EP 2013070318 W 20130930; JP 2015533623 A 20130930; US 201314429761 A 20130930