

Title (en)

CONTACT DEVICE OF A STARTER CONTACTOR

Title (de)

KONTAKTVORRICHTUNG EINES ANLASSERSCHÜTZES

Title (fr)

DISPOSITIF DE CONTACT D'UN CONTACTEUR DE DÉMARREUR

Publication

**EP 3140842 A1 20170315 (FR)**

Application

**EP 15725778 A 20150422**

Priority

- FR 1454028 A 20140505
- FR 2015051089 W 20150422

Abstract (en)

[origin: WO2015170028A1] The present invention relates to a contact device (15) of a starter contactor (1) comprising: - a contact rod (17) made of an electrically insulating material, - a contact strip (19) made of an electrically conducting material comprising a hole (19a) in which is mounted the contact rod (17), - a squashing spring (25), - a restoring spring (27), the contact device (15) also comprises a closure clip (33) of radial width greater than or equal to the diameter of the squashing spring (25), a radial notch (33a) being made in said closure clip (33), said radial notch (33a) receiving a portion of the contact rod (17), the squashing spring (25) being mounted compressed between the closure clip (33) and the contact strip (19) which is in abutment on a retaining collar (17a) of the contact rod (17).

IPC 8 full level

**H01H 1/20** (2006.01); **H01H 50/30** (2006.01); **H01H 51/06** (2006.01)

CPC (source: CN EP US)

**H01H 1/2008** (2013.01 - CN EP US); **H01H 50/20** (2013.01 - US); **H01H 50/30** (2013.01 - CN EP US); **H01H 50/56** (2013.01 - US); **H01H 51/065** (2013.01 - CN EP US); **H01H 2235/01** (2013.01 - US)

Citation (search report)

See references of WO 2015170028A1

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)

**FR 3020715 A1 20151106**; **FR 3020715 B1 20160506**; CN 106463278 A 20170222; CN 106463278 B 20191101; EP 3140842 A1 20170315; EP 3140842 B1 20200722; EP 3140842 B8 20200826; PL 3140842 T3 20210208; US 10102993 B2 20181016; US 2017053763 A1 20170223; WO 2015170028 A1 20151112

DOCDB simple family (application)

**FR 1454028 A 20140505**; CN 201580023125 A 20150422; EP 15725778 A 20150422; FR 2015051089 W 20150422; PL 15725778 T 20150422; US 201515308257 A 20150422