

Title (en)

CONTACT ARRANGEMENT FOR PLUGGABLE SURGE ARRESTERS

Title (de)

KONTAKTANORDNUNG FÜR STECKBARE ÜBERSpannungsABLEITER

Title (fr)

DISPOSITIF DE CONTACT POUR COUPE-CIRCUIT DE SURTENSION ENFICHABLE

Publication

EP 3243242 B1 20200415 (DE)

Application

EP 15798479 A 20151125

Priority

- DE 102015000331 A 20150109
- EP 2015077615 W 20151125

Abstract (en)

[origin: WO2016110360A1] The invention relates to a contact arrangement for pluggable surge arresters, wherein at least one overvoltage protection element is located in a housing, the housing base of which is penetrated by at least two contact tab ends bent in a U or V shape, furthermore an electrical connection is formed between the contact tabs and the at least one overvoltage protection element within the housing, the contact tabs are configured as planar punched and bent parts, the housing has a rectangular cross section with two opposing narrow sides, and the planar punched and bent parts extend at least partially in the respective plane formed by the housing narrow side. According to the invention, at least one of the contact tabs is provided with a portion which is matched essentially to the width of the housing narrow side or corresponds substantially thereto, wherein this portion has a notch, which for reinforcement is bent into the region of the respective contact tab end.

IPC 8 full level

H01R 13/05 (2006.01); **H01C 7/10** (2006.01); **H01R 9/26** (2006.01); **H01T 4/06** (2006.01); **H01H 37/76** (2006.01)

CPC (source: CN EP)

H01R 9/2641 (2013.01 - CN EP); **H01R 13/055** (2013.01 - CN EP); **H01T 4/06** (2013.01 - CN EP); **H01C 7/10** (2013.01 - EP); **H01H 37/761** (2013.01 - EP)

Citation (examination)

- DE 19519785 C1 19960829 - QUANTE AG [DE]
- EP 3243209 A1 20171115 - DEHN + SÖHNE GMBH + CO KG [DE]

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)

DE 102015000331 A1 20160714; CN 107112656 A 20170829; CN 107112656 B 20191001; EP 3243242 A1 20171115; EP 3243242 B1 20200415; ES 2805540 T3 20210212; SI 3243242 T1 20200831; WO 2016110360 A1 20160714

DOCDB simple family (application)

DE 102015000331 A 20150109; CN 201580072717 A 20151125; EP 15798479 A 20151125; EP 2015077615 W 20151125; ES 15798479 T 20151125; SI 201531248 T 20151125