

Title (en)
CONTACTOR

Title (de)
SCHÜTZ

Title (fr)
CONTACTEUR

Publication
EP 3561848 B1 20230614 (EN)

Application
EP 17884822 A 20170324

Priority
• CN 201621402859 U 20161220
• CN 201710038437 A 20170118
• CN 2017077991 W 20170324

Abstract (en)
[origin: EP3561848A1] A contactor comprises a housing and a contact support, the contact support is movably installed in an installation cavity of the housing, a body of the contact support is provided with a plurality of lower accommodating cavities for accommodating a moving contact, the plurality of lower accommodating cavities are arranged at intervals, a side wall of the body is provided with a plurality of limiting structures located between two adjacent lower accommodating cavities, and the plurality of limiting structures are matched with a plurality of plugboards in the installation cavity; the plugboard comprises a connecting end portion and a bending root portion connected to each other, the bending root portion of the plugboard is connected to a side wall of the installation cavity, each limiting structure comprises a first limiting plate and a second limiting plate formed by side walls of two adjacent lower accommodating cavities extending respectively, the first limiting plate comprises a connecting root portion and a bending end portion connected to each other, the connecting root portion is connected to the body and is spaced with the second limiting plate to form a slot matched with the connecting end portion of the plugboard, and the bending end portion is oppositely arranged with the bending root portion of the plugboard. The present invention provides a contactor with simple structure and good arc isolation effect.

IPC 8 full level
H01H 50/02 (2006.01); **H01H 50/04** (2006.01); **H01H 50/54** (2006.01); **H01H 71/02** (2006.01)

CPC (source: CN EP)
H01H 50/02 (2013.01 - CN EP); **H01H 50/04** (2013.01 - EP); **H01H 50/045** (2013.01 - EP); **H01H 50/54** (2013.01 - CN EP); **H01H 71/0214** (2013.01 - EP); **H01H 50/026** (2013.01 - EP)

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)
EP 3561848 A1 20191030; **EP 3561848 A4 20200729**; **EP 3561848 B1 20230614**; CN 108206122 A 20180626; CN 108206122 B 20190726; CN 206421996 U 20170818; ES 2954972 T3 20231127; WO 2018113116 A1 20180628

DOCDB simple family (application)
EP 17884822 A 20170324; CN 2017077991 W 20170324; CN 201710038437 A 20170118; CN 201720059951 U 20170118; ES 17884822 T 20170324