

Title (en)
CONTACTOR

Title (de)
SCHÜTZ

Title (fr)
CONTACTEUR

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Application
EP 17884822 A 20170324

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• 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)
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Citation (search report)
• [X] EP 0604985 A1 19940706 - KLOECKNER MOELLER GMBH [DE]
• [A] US 2012112858 A1 20120510 - TAKAYA KOUETSU [JP], et al
• See also references of WO 2018113116A1

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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

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