

Title (en)
AUTOMATIC TRANSFER SWITCH AND CONTACT SYSTEM FOR AUTOMATIC TRANSFER SWITCH

Title (de)
AUTOMATISCHER ÜBERTRAGUNGSSCHALTER UND KONTAKTSYSTEM FÜR AUTOMATISCHEN ÜBERTRAGUNGSSCHALTER

Title (fr)
COMMUTATEUR DE TRANSFERT AUTOMATIQUE ET SYSTÈME DE CONTACT POUR COMMUTATEUR DE TRANSFERT AUTOMATIQUE

Publication
EP 4246546 A1 20230920 (EN)

Application
EP 23305361 A 20230316

Priority
CN 202220590719 U 20220317

Abstract (en)
An automatic transfer switch (10) and a contact system (100) for automatic transfer switch are disclosed. The contact system includes a first stationary contact (150), a second stationary contact (180) and a movable contact (120). The movable contact is movable between a first contact position and a second contact position, in the first contact position of the movable contact, the movable contact is in contact with the stationary contact engagement part of the first stationary contact, and, in the second contact position of the movable contact, the movable contact is in contact with the stationary contact engagement part of the second stationary contact. At least one stationary contact of the first stationary contact and the second stationary contact includes: a first part (162), extending in a vertical direction and including a first vertical end and a second vertical end; and a second part (164), extending in a horizontal direction and including a first horizontal end and a second horizontal end, the first vertical end of the first part meets the first horizontal end of the second part, and a chamfered corner is formed at a joint position of the first part and the second part of the at least one stationary contact. The automatic transfer switch includes one or more contact systems.

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CPC (source: EP)
H01H 1/42 (2013.01); **H01H 1/54** (2013.01); **H01H 2300/018** (2013.01)

Citation (search report)

- [XAI] CN 201994187 U 20110928 - CHANGSHU SWITCHGEAR MFG CO LTD
- [A] CN 104681329 A 20150603 - ZHI CHAOQIAN

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

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