

Title (en)

OPERATION MECHANISM FOR DUAL-POWER SWITCH AND DUAL-POWER SWITCH

Title (de)

BETRIEBSMECHANISMUS FÜR EINEN ZWEISTROMSCHALTER UND ZWEISTROMSCHALTER

Title (fr)

MÉCANISME DE FONCTIONNEMENT POUR COMMUTATEUR À DOUBLE PUISSANCE ET COMMUTATEUR À DOUBLE PUISSANCE

Publication

**EP 4261863 A1 20231018 (EN)**

Application

**EP 23305368 A 20230317**

Priority

CN 202210273079 A 20220318

Abstract (en)

The present disclosure relates to an operation mechanism for a dual-power switch and a dual-power switch. The operation mechanism comprises: a rotation shaft, arranged on a housing of the dual-power switch; a first driving member, arranged on the rotation shaft and can rotate around the rotation shaft; a second driving member, arranged on the rotation shaft and connected to the breaking unit, and can rotate around the rotation shaft between a dual-separation position, a first power-on position and a second power-on position under the driving of the first driving member; a stop member, arranged on a frame and can move between a locking position and an unlocking position under the driving of the first driving member; and an elastic member for elastically biasing the stop member to the locking position, wherein the first driving member drives the second driving member to rotate after an idle stroke, and the second driving member further drives the breaking unit to switch the state of the dual-power switch; and wherein when the first driving member is rotating by the idle stroke, the first driving member drives the stop member to move from the locking position to the unlocking position.

IPC 8 full level

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CPC (source: CN EP)

**H01H 3/32** (2013.01 - CN); **H01H 3/40** (2013.01 - EP); **H01H 3/42** (2013.01 - EP); **H01H 3/52** (2013.01 - CN); **H01H 9/26** (2013.01 - CN); **H01H 2300/018** (2013.01 - EP)

Citation (applicant)

GB 1404811 A

Citation (search report)

- [X] CN 106887356 A 20170623 - ASCO POWER TECHNOLOGIES LP
- [A] EP 3933868 A1 20220105 - SCHNEIDER ELECTRIC IND SAS [FR]
- [A] CN 204332749 U 20150513 - SCHNEIDER WINGOAL TIANJIN ELECTRIC EQUIPMENT CO LTD

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

Designated validation state (EPC)

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DOCDB simple family (application)

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