

Title (en)

INTERLOCKING APPARATUS OF TRANSFER SWITCH

Title (de)

INEINANDERGREIFENDE VORRICHTUNG EINES ÜBERTRAGUNGSSCHALTERS

Title (fr)

APPAREIL DE VERROUILLAGE DE COMMUTATEUR DE TRANSFERT AUTOMATIQUE

Publication

EP 2892069 A1 20150708 (EN)

Application

EP 13831992 A 20130828

Priority

- CN 201210315745 A 20120830
- CN 2013082439 W 20130828

Abstract (en)

The present invention discloses an interlocking apparatus of transfer switch. The transfer switch comprises a primary side operation mechanism and a backup side operation mechanism. The interlocking apparatus comprises a primary side driving rod, a primary side driven rod, a primary side executing rod, a backup side driving rod, a backup side driven rod, and a backup side executing rod. The primary side driving rod moves following a movement of a main shaft of the primary side operation mechanism. The primary side driven rod is connected to the primary side driving rod. The primary side executing rod is connected to the primary side driven rod and is installed on a side plate of the backup side operation mechanism. The primary side executing rod rotates around a second fulcrum on the side plate of the backup side operation mechanism. The backup side driving rod moves following a movement of a main shaft of the backup side operation mechanism. The backup side driven rod is connected to the backup side driving rod. The backup side executing rod is connected to the backup side driven rod and is installed on a side plate of the primary side operation mechanism. The backup side executing rod rotates around a first fulcrum on the side plate of the primary side operation mechanism.

IPC 8 full level

H01H 9/26 (2006.01); **H01H 9/24** (2006.01)

CPC (source: EP)

H01H 9/24 (2013.01); **H01H 9/26** (2013.01); **H01H 2300/018** (2013.01)

Cited by

EP3301698A3

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2892069 A1 20150708; **EP 2892069 A4 20160622**; **EP 2892069 B1 20180103**; BR 112015004287 A2 20170704; BR 112015004287 B1 20210518; CN 103681031 A 20140326; CN 103681031 B 20151209; ES 2657229 T3 20180302; NO 2892069 T3 20180602; PL 2892069 T3 20180629; WO 2014032584 A1 20140306

DOCDB simple family (application)

EP 13831992 A 20130828; BR 112015004287 A 20130828; CN 201210315745 A 20120830; CN 2013082439 W 20130828; ES 13831992 T 20130828; NO 13831992 A 20130828; PL 13831992 T 20130828