

Title (en)

OPERATING SYSTEM FOR AUTOMATIC TURN-OVER SWITCH AND GEAR SET

Title (de)

BETRIEBSSYSTEM FÜR EINEN AUTOMATISCHEN UMLEGESCHALTER UND EINEN GETRIEBESATZ

Title (fr)

SYSTÈME D'EXPLOITATION POUR UN KIT D'ENGRENAGE AVEC INVERSEUR AUTOMATIQUE

Publication

EP 2784794 A4 20150812 (EN)

Application

EP 12851672 A 20121009

Priority

- CN 201110383503 A 20111125
- CN 2012082614 W 20121009

Abstract (en)

[origin: EP2784794A1] The present invention discloses an operating system of an automatic changeover switch that comprises a gear set, a common side operational mechanism, a spare side operational mechanism, an operating handle and a motor, and a side plate. The gear set is used in energy-storage operations of a common side operational mechanism and a spare side operational mechanism that are independent from each other. The common side operational mechanism is connected to a common side power supply while the spare side operational mechanism is connected to a spare side power supply. The gear set comprises: a common side drive gear connected to a drive axis of the common side operational mechanism and has a common side clutch mounted thereon; a spare side drive gear connected to a drive axis of the spare side operational mechanism and has a spare side clutch mounted thereon; a common side transmission gear and a spare side transmission gear that are both connected to a common axis, the common side transmission gear engages the common side drive gear while the spare side transmission gear engages the spare side drive gear; a changeover gear that engages the common side transmission gear.

IPC 8 full level

H01H 3/40 (2006.01); **H01H 3/42** (2006.01)

CPC (source: EP)

H01H 3/3015 (2013.01); **H01H 3/34** (2013.01); **H01H 3/40** (2013.01); **H01H 3/42** (2013.01); **H01H 9/26** (2013.01); **H01H 2300/018** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2013075555A1

Cited by

CN107564749A; WO2019201935A1

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 2784794 A1 20141001; **EP 2784794 A4 20150812**; **EP 2784794 B1 20161123**; BR 112014012530 A2 20170606; BR 112014012530 B1 20210406; CN 103137347 A 20130605; CN 103137347 B 20150408; ES 2606551 T3 20170324; MY 170762 A 20190828; PL 2784794 T3 20170630; WO 2013075555 A1 20130530

DOCDB simple family (application)

EP 12851672 A 20121009; BR 112014012530 A 20121009; CN 201110383503 A 20111125; CN 2012082614 W 20121009; ES 12851672 T 20121009; MY PI2014001477 A 20121009; PL 12851672 T 20121009