

Title (en)

METHOD FOR CARRYING OUT A SWITCHOVER OF A SWITCH, AND DRIVE SYSTEM FOR A SWITCH

Title (de)

VERFAHREN ZUM DURCHFÜHREN EINER UMSCHALTUNG EINES SCHALTERS UND ANTRIEBSSYSTEM FÜR EINEN SCHALTER

Title (fr)

PROCÉDÉ POUR RÉALISER UNE COMMUTATION D'UN COMMUTATEUR ET SYSTÈME D'ENTRAÎNEMENT CONÇU POUR UN COMMUTATEUR

Publication

EP 3963615 A1 20220309 (DE)

Application

EP 20721213 A 20200423

Priority

- DE 102019112720 A 20190515
- EP 2020061285 W 20200423

Abstract (en)

[origin: WO2020229124A1] The invention relates to a method for carrying out a switchover of a switch (17) and to a drive system (3) for a switch (17) for carrying out a switchover. The switchover is carried out from a current switch position (SJ) to a target switch position (SJ+K) of the switch (17). A first value for a first position (PI) of the driveshaft (16) of the drive system (3) is determined by the feedback system (4). Furthermore, the value of a second position (PH) of the driveshaft (16) is determined using the target switch position (SJ+K) of the switch (17) to be set. The motor (12) is controlled in a manner corresponding to the difference between the value for the first position (PI) and the value for the second position (PH) until the value of the second position (PH) of the drive shaft (16) and thus the target switch position (SJ+K) is reached.

IPC 8 full level

H01H 3/26 (2006.01)

CPC (source: EP KR US)

H01H 3/26 (2013.01 - EP KR US); **H01H 9/0027** (2013.01 - KR US); **H01H 9/0027** (2013.01 - EP); **H01H 2003/266** (2013.01 - EP KR US); **H01H 2009/0061** (2013.01 - US)

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)

DE 102019112720 A1 20201119; BR 112021020894 A2 20211221; CN 113811969 A 20211217; EP 3963615 A1 20220309; JP 2022533325 A 20220722; KR 20220004222 A 20220111; US 2022208482 A1 20220630; WO 2020229124 A1 20201119

DOCDB simple family (application)

DE 102019112720 A 20190515; BR 112021020894 A 20200423; CN 202080035469 A 20200423; EP 2020061285 W 20200423; EP 20721213 A 20200423; JP 2021565960 A 20200423; KR 20217041083 A 20200423; US 202017611206 A 20200423