

Title (en)
ELECTRIC OPERATOR FOR TAP CHANGER AND TAP CHANGING METHOD

Title (de)
ELEKTRISCHER ANTRIEB FÜR STUFENSCHALTER UND STUFENSCHALTVERFAHREN

Title (fr)
OPÉRATEUR ÉLECTRIQUE POUR CHANGEUR DE PRISES ET PROCÉDÉ DE CHANGEMENT DE PRISES

Publication
EP 3813086 A4 20220209 (EN)

Application
EP 18923344 A 20180619

Priority
JP 2018023258 W 20180619

Abstract (en)
[origin: EP3813086A1] An electric operator for a tap changer according to an embodiment includes a drive unit, a multi-turn encoder, a monitor unit, and a control unit. The drive unit drives a main shaft via a motor to change a tap in a tap changer. The multi-turn encoder has a member that rotates n times the rotation of the main shaft, and detects the rotational position of the member to thereby detect the rotational position of the main shaft. The monitor unit monitors the state of the tap changer on the basis of the rotational position detected by the multi-turn encoder. The control unit controls the drive unit on the basis of the monitoring results from the monitor unit.

IPC 8 full level
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Citation (search report)

- [I] WO 2012135209 A1 20121004 - ABB TECHNOLOGY AG [CH], et al
- [A] JP H09213542 A 19970815 - TOSHIBA CORP
- [A] DE 19744465 C1 19990311 - REINHAUSEN MASCHF SCHEUBECK [DE]
- [A] WO 2013160046 A1 20131031 - REINHAUSEN MASCHF SCHEUBECK [DE], et al
- See references of WO 2019244235A1

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WO2024056265A1

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)
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DOCDB simple family (application)
EP 18923344 A 20180619; CN 201880093559 A 20180619; JP 2018023258 W 20180619; JP 2020525114 A 20180619