

Title (en)
DEVICE FOR LIMITING A SHORT-CIRCUIT CURRENT IN AN ON-LOAD TAP-CHANGER, AND ON-LOAD TAP-CHANGER HAVING SAID DEVICE

Title (de)
VORRICHTUNG ZUR BEGRENZUNG EINES KURZSCHLUSSSTROMES IN EINEM LASTSTUFENSCHALTER SOWIE LASTSTUFENSCHALTER MIT DIESER VORRICHTUNG

Title (fr)
DISPOSITIF DE LIMITATION D'UN COURANT DE COURT-CIRCUIT DANS UN CHANGEUR DE PRISES EN CHARGE, ET CHANGEUR DE PRISES EN CHARGE ÉQUIPÉ DE CE DISPOSITIF

Publication
EP 4111480 B1 20240508 (DE)

Application
EP 21715521 A 20210324

Priority

- DE 102020110935 A 20200422
- EP 2021057513 W 20210324

Abstract (en)
[origin: WO2021213769A1] A device (1) for limiting a short-circuit current in an on-load tap-changer (2), in particular in a load changeover switch (8) of the on-load tap-changer (2), comprising a first sensor (3) for measuring a current in a first current line (4) of the on-load tap-changer (2), an interruption element (5), a control apparatus (6) and a current-limiting element (7), wherein the interruption element (5) is arranged in the first current line (4) of the on-load tap-changer (2), the current-limiting element (7) is arranged in parallel with the interruption element (5), the first sensor (3) is designed to transmit a first measurement signal M, representing the measured current in the first current line (4) of the on-load tap-changer (2), to the control apparatus (6), the interruption element (5) is able to be actuated by the control apparatus (6) such that it is able to interrupt the channelling of current in the first current line (4) of the on-load tap-changer (2), such that the channelled current is switched to the current-limiting element (7).

IPC 8 full level
H01H 9/00 (2006.01); **H01H 9/54** (2006.01)

CPC (source: EP)
H01H 9/0005 (2013.01); **H01H 9/541** (2013.01); **H01H 9/542** (2013.01); **H01H 2009/0061** (2013.01)

Citation (examination)

- DE 102016120070 A1 20180426 - EATON IND AUSTRIA GMBH [AT]
- DE 69630608 T2 20040923 - TYCO ELECTRONICS CORP [US]
- US 4184186 A 19800115 - BARKAN PHILIP [US]

Designated contracting state (EPC)
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DOCDB simple family (publication)
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