

Title (en)

LOAD TAP CHANGER WITH MOTOR DRIVE

Title (de)

LASTSTUFENSCHALTER MIT MOTORANTRIEB

Title (fr)

COMBINATEUR DE REGLAGE EN CHARGE A COMMANDE PAR MOTEUR

Publication

EP 1665306 B1 20071107 (DE)

Application

EP 04764010 A 20040812

Priority

- EP 2004009006 W 20040812
- DE 10344142 A 20030924

Abstract (en)

[origin: WO2005041230A1] The invention relates to a load tap changer with a motor drive, wherein the necessary monitoring and restart functions are carried out by means of inductive proximity sensors which are arranged on the load transfer switch for position detection thereof, said sensors interacting with separate cam switches which are actuated by cams according to a specific sequence. According to the invention, the result involves actuation of a plausibility check for each change and a motor protection circuit breaker is actuated if deviation occurs from a normal state.

IPC 8 full level

H01H 9/00 (2006.01)

CPC (source: EP KR)

H01H 9/00 (2013.01 - KR); **H01H 9/0005** (2013.01 - EP); **H01H 19/38** (2013.01 - KR); **H01H 2009/0061** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005041230 A1 20050506; AT E377835 T1 20071115; CN 100466128 C 20090304; CN 1706015 A 20051207; DE 10344142 B3 20050210; DE 502004005453 D1 20071220; EP 1665306 A1 20060607; EP 1665306 B1 20071107; HK 1091672 A1 20070126; KR 20070083239 A 20070824

DOCDB simple family (application)

EP 2004009006 W 20040812; AT 04764010 T 20040812; CN 200480000947 A 20040812; DE 10344142 A 20030924; DE 502004005453 T 20040812; EP 04764010 A 20040812; HK 06108033 A 20060718; KR 20057005006 A 20050323