

Title (en)

ELECTRICAL DEVICE INTENDED TO ESTABLISH OR BREAK THE CURRENT IN AN ELECTRICAL CIRCUIT

Title (de)

ELEKTRISCHES GERÄT ZUM EINSCHALTEN ODER AUSSCHALTEN EINES STROMS IN EINEM ELEKTRISCHEN SCHALTKEIS

Title (fr)

APPAREIL ÉLECTRIQUE DESTINÉ À ÉTABLIR OU INTERROMPRE LE COURANT DANS UN CIRCUIT ÉLECTRIQUE

Publication

EP 3499540 B1 20230503 (FR)

Application

EP 18204714 A 20181106

Priority

FR 1762101 A 20171214

Abstract (en)

[origin: CN109961986A] The invention relates to an electrical device for establishing or breaking current in an electrical circuit. The said device comprises at least two pairs of fixed contacts (19 to 24), each pair comprising two fixed contacts of an upstream terminal (11 to 14) and a downstream terminal (15 to 18) of the device, which are respectively and electrically connected to each other; and a bridge (25 to 27) of two movable contacts, which is movable between a first position and a second position. In the first position, the bridge is electrically connected to the two fixed contacts. In the second position, the flow of current between the two fixed contacts is interrupted, wherein one pair of fixed contacts and their associated movable contacts bridge are on the line (8, 9, 10) of the transmission phase, and the other pair of fixed contacts and their associated movable contacts bridge on the line (7) of the transmission neutral. The apparatus is characterized in that the electrical connection between the two terminals (11, 15) on the neutral line (7) is a permanent connection.

IPC 8 full level

H01H 50/00 (2006.01); **H01H 50/54** (2006.01)

CPC (source: CN EP)

H01H 50/002 (2013.01 - EP); **H01H 50/14** (2013.01 - CN); **H01H 50/54** (2013.01 - CN); **H01H 50/546** (2013.01 - EP)

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 3499540 A1 20190619; **EP 3499540 B1 20230503**; CN 109961986 A 20190702; CN 109961986 B 20230321; FR 3075458 A1 20190621; FR 3075458 B1 20200911

DOCDB simple family (application)

EP 18204714 A 20181106; CN 201811502053 A 20181210; FR 1762101 A 20171214