

Title (en)
ELECTRICAL PROTECTION DEVICE

Title (de)
ELEKTRISCHE SCHUTZVORRICHTUNG

Title (fr)
DISPOSITIF DE PROTECTION ÉLECTRIQUE

Publication
EP 4064314 C0 20240103 (FR)

Application
EP 22164341 A 20220325

Priority
FR 2103126 A 20210326

Abstract (en)
[origin: CN115132542A] An electrical protection device is provided with: a switching mechanism (10); a trip device (8) for switching the switching mechanism in the event of an electrical fault, and an indicator (15). In order to signal an electrical fault even if the trip device produces a weak force, a drawer (130) is provided which moves between an actuated position for placing the indicator in the primary signaling position and an initial position for allowing the indicator to be placed in the secondary signaling position; a drawer spring (132) tending to displace the drawer from the initial position to the actuated position; and a lock (131) in a holding position for holding the drawer in the initial position and a release position for allowing displacement of the drawer, the trip device displacing the lock to the release position in the event of an electrical fault.

IPC 8 full level
H01H 71/04 (2006.01); **H01H 71/52** (2006.01); **H01H 83/22** (2006.01)

CPC (source: CN EP)
H01H 71/04 (2013.01 - CN EP); **H01H 71/08** (2013.01 - CN); **H01H 71/12** (2013.01 - CN); **H01H 71/526** (2013.01 - EP); **H01H 83/20** (2013.01 - EP); **H01H 83/226** (2013.01 - EP); **H01H 71/002** (2013.01 - EP); **H01H 2071/042** (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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
EP 4064314 A1 20220928; **EP 4064314 B1 20240103**; **EP 4064314 C0 20240103**; AU 2022201933 A1 20221013; CN 115132542 A 20220930; FR 3121270 A1 20220930; FR 3121270 B1 20240202

DOCDB simple family (application)
EP 22164341 A 20220325; AU 2022201933 A 20220321; CN 202210312081 A 20220328; FR 2103126 A 20210326