

Title (en)
PROTECTION DEVICE TO BE ASSOCIATED WITH A CURRENT CUTOUT DEVICE IN AN ELECTRICAL CIRCUIT WITH INCREASED LIFETIME

Title (de)
SCHUTZVORRICHTUNG FÜR EINE STROMABSCHALTUNGSVORRICHTUNG BEI EINER ELEKTRISCHEN SCHALTUNG MIT ERHÖHTER LEBENSDAUER

Title (fr)
DISPOSITIF DE PROTECTION À ASSOCIER À UN DISPOSITIF DE COUPURE DE COURANT DANS UN CIRCUIT ÉLECTRIQUE À DURÉE DE VIE ACCRUE

Publication
EP 2569796 A1 20130320 (FR)

Application
EP 11719809 A 20110510

Priority
• FR 1053659 A 20100511
• EP 2011057544 W 20110510

Abstract (en)
[origin: WO2011141473A1] This pertains to a protection device to be associated with a current cutout device (20), provided with at least one pair (2) of contacts, in an electrical circuit (3). The protection device comprises a measurement device (1.1) for detecting a defect in the electrical circuit, at least one pair (6) of trip contacts being able to take a closed or open position and having to energize a coil in order to manoeuvre the pair (2) of contacts of the current cutout device (20), a control device (1.2) for controlling the closing of the pair (6) of trip contacts in the event of detection of a defect, the instigating of a timeout and the opening of the pair of trip contacts in the event of the disappearance of the defect on completion of the timeout and the prevention of opening until the intervention of an operator in the event of persistence of the defect on completion of the timeout.

IPC 8 full level
H01H 47/00 (2006.01); **H02H 7/22** (2006.01)

CPC (source: EP US)
H01H 47/002 (2013.01 - EP US); **H02H 7/222** (2013.01 - EP US)

Citation (search report)
See references of WO 2011141473A1

Designated contracting state (EPC)
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