

Title (en)

Electronic switch comprising a relay with a power supply in series with the load

Title (de)

Elektronischer Schalter umfassend ein Relais mit einem Netzteil in Serie mit dem Verbraucher

Title (fr)

Interrupteur electronique qui incorpore un relais et dont le systeme d'alimentation est en serie avec la charge

Publication

EP 1684318 A1 20060726 (FR)

Application

EP 06380005 A 20060104

Priority

ES 200500114 A 20050121

Abstract (en)

The interrupter has a switching control system (SCC) to control switching of a mono or bistable switching relay. The system is activated by control signals, generated by an external device (M), transmitted by an incoming line. An energy source and storage (E) has an input formed by internal phase and load conductors and another input formed by conductors (AS1, AS2) forming the secondary of a transformer (TR) that supplies the system.

IPC 8 full level

H01H 9/54 (2006.01)

CPC (source: EP ES)

H01H 9/541 (2013.01 - ES); **H01H 9/542** (2013.01 - EP)

Citation (applicant)

- JP S60119128 A 19850626 - MATSUSHITA ELECTRIC IND CO LTD
- DE 19917214 A1 20001102 - FSM ELEKTRONIK GMBH [DE]
- GB 2284100 A 19950524 - CARADON MK ELECTRIC LTD [GB]

Citation (search report)

- [DA] GB 2284100 A 19950524 - CARADON MK ELECTRIC LTD [GB]
- [A] US 3401303 A 19680910 - WALKER ALEC H B

Cited by

EP3522196A1; CN111630620A; EP3522194A1; CN111937110A; US11088689B2; US11177099B2; WO2019149808A1; WO2019149814A1; WO2022272282A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1684318 A1 20060726; ES 2259536 A1 20061001; ES 2259536 B1 20070501

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