

Title (en)

A CONTROL MODULE FOR CONTROLLING ENERGIZATION OF A RELAY MODULE

Title (de)

STEUERMODUL ZUR STEUERUNG DER ERREGUNG EINES RELAISMODULS

Title (fr)

MODULE DE COMMANDE POUR COMMANDER L'EXCITATION D'UN MODULE DE RELAIS

Publication

EP 3422383 A1 20190102 (EN)

Application

EP 18177905 A 20180615

Priority

SG 10201704947V A 20170615

Abstract (en)

A control module for controlling energization of a relay module is provided, the control module being for coupling to a socket which comprises a socket terminal for energising the relay module, and the socket terminal being capable of electrical connection with a power terminal of the socket. The control module comprises: a non-conductive lead for disposing between the socket terminal and the power terminal of the socket; a first conductive element disposed at a base of the control module; a second conductive element disposed at the base of the control module, the second conductive element being spaced apart from the first conductive element; an actuator switch disposed within the control module, the actuator switch being coupled to the first conductive element and the second conductive element, the first conductive element and the second conductive element being arranged to provide an electrical path between the socket terminal and the power terminal of the socket via the actuator switch; a wireless control module coupled to the actuator switch, the wireless control module comprising a wireless communication module to perform wireless communication with an external device; and wherein the actuator switch is controllable by the wireless control module.

IPC 8 full level

H01H 50/04 (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP)

H01H 50/048 (2013.01); **H01R 13/7034** (2013.01)

Citation (search report)

- [A] US 2015187523 A1 20150702 - BECKER MARKUS [DE], et al
- [A] EP 2149939 A1 20100203 - FUJITSU COMPONENT LTD [JP]
- [A] EP 1921715 A2 20080514 - PHOENIX CONTACT GMBH & CO [DE]
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Cited by

CN113451824A

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

Designated extension state (EPC)

BA ME

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