

Title (en)

Switch device for electrical relays

Title (de)

Schaltevorrichtung für elektrische Relais

Title (fr)

Dispositif commutateur pour relais électriques

Publication

EP 1655753 A1 20060510 (EN)

Application

EP 05110519 A 20051109

Priority

IT MI20042146 A 20041109

Abstract (en)

A switch device (P) for electrical relays (R), comprising at least one static electronic component (K), which is commanded to run, causing a short-circuit between the electrical contacts of the relay (R), during the brief time period during which the switching of the relay (R) takes place; this allows the contacts (R1, R2) of the relay (R) to be opened and/or closed practically without a drop in the voltage and current flowing between them, thus avoiding the occurrence of electrical arcs and substantially extending the electrical life of the relay (R).

IPC 8 full level

H01H 9/54 (2006.01)

CPC (source: EP)

H01H 9/542 (2013.01); **H01H 2009/545** (2013.01)

Citation (search report)

- [X] US 5699218 A 19971216 - KADAH ANDREW S [US]
- [X] US 6621668 B1 20030916 - SARE JORGE [US]
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Cited by

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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 1655753 A1 20060510; IT MI20042146 A1 20050209

DOCDB simple family (application)

EP 05110519 A 20051109; IT MI20042146 A 20041109