

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)

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