

Title (en)

Switching device with a thermal and a magnetic trip device.

Title (de)

Schaltgerät mit einem thermischen und einem magnetischen Auslöser.

Title (fr)

Appareil de commutation avec un déclencheur thermique et magnétique.

Publication

EP 0614207 A3 19950726 (DE)

Application

EP 94102533 A 19940219

Priority

DE 4306229 A 19930227

Abstract (en)

[origin: EP0614207A2] A switching device (10) has a thermal (39) and an electromagnetic (34) trip device, a latch (37) and one fixed and one moving contact piece (30, 31). When the switch is switched off, an electric arc is induced between the two contact pieces (30, 31) which is driven into an electric-arc quenching lamination stack (24) and is quenched therein. The switching device (10) has a blowout loop (45) which is electrically connected in parallel to the thermal and the electromagnetic tripping devices (39, 34) and is formed by resistor wire; the blowout loop is laterally next to the quenching chamber, and thus next to the prechamber (41) and a part of the electric-arc quenching lamination stack (24). <IMAGE>

IPC 1-7

H01H 73/18

IPC 8 full level

H01H 71/12 (2006.01); **H01H 73/18** (2006.01)

CPC (source: EP)

H01H 71/121 (2013.01); **H01H 73/18** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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