

Title (en)
Load break switch

Title (de)
Lasttrennschalter

Title (fr)
Interrupteur auto-sectionneur

Publication
EP 0750328 B1 19991013 (FR)

Application
EP 96401331 A 19960619

Priority
FR 9507495 A 19950622

Abstract (en)
[origin: EP0750328A1] The self-isolating three-phase interruptor comprises three insulating (7A,7B,7C) bars, each containing a vacuum chamber. The bars are solidly attached to a beam (4) which is able to pivot inside a chassis. The vacuum chambers are moved by an intermediate control shaft (10) associated with an operating mechanism. The beam is associated with an element (30) which causes a rapid rotation under spring action passing through a dead point. This operating element is controlled at the same time or immediately after the operation of the control shaft (10). The control shaft may have a pull-push action, with the operating mechanism being an electromagnet, or alternatively may have a rotary action, also produced by an electromagnet.

IPC 1-7
H01H 33/02; **H01H 33/66**

IPC 8 full level
H01H 33/02 (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP)
H01H 33/022 (2013.01); **H01H 33/666** (2013.01); **H01H 2033/6667** (2013.01)

Cited by
CN103503105A; CN116844910A; US6444938B1; WO2012146517A1; WO0025333A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)
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