

Title (en)  
Load break switch

Title (de)  
Lasttrennschalter

Title (fr)  
Interrupteur auto-sectionneur

Publication  
**EP 0750328 A1 19961227 (FR)**

Application  
**EP 96401331 A 19960619**

Priority  
FR 9507495 A 19950622

Abstract (en)  
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 33/666** (2006.01)

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

Citation (search report)  
• [A] EP 0424281 A1 19910424 - MERLIN GERIN [FR]  
• [A] US 5134256 A 19920728 - MARTIN DONALD R [US]  
• [DA] EP 0543681 A1 19930526 - ALSTHOM GEC [FR]

Cited by  
CN103503105A; CN116844910A; US6444938B1; WO0025333A1; WO2012146517A1

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

DOCDB simple family (publication)  
**EP 0750328 A1 19961227**; **EP 0750328 B1 19991013**; AT E185649 T1 19991015; DE 69604621 D1 19991118; DE 69604621 T2 20000504; ES 2138303 T3 20000101; FR 2735899 A1 19961227; FR 2735899 B1 19970801

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