

Title (en)  
AUTOMATIC CUTOUT.

Title (de)  
LEITUNGSSCHUTZSCHALTER.

Title (fr)  
DISJONCTEUR DE LIGNE.

Publication  
**EP 0427826 B1 19950419 (DE)**

Application  
**EP 90906852 A 19900502**

Priority  
• DE 9000316 W 19900502  
• DE 3915127 A 19890509

Abstract (en)  
[origin: US5151674A] PCT No. PCT/DE90/00316 Sec. 371 Date Mar. 8, 1991 Sec. 102(e) Date Mar. 8, 1991 PCT Filed May 2, 1990 PCT Pub. No. WO90/13903 PCT Pub. Date Nov. 15, 1990. An automatic cutout or a power circuit breaker with high current-limiting capacity contains no conductor connections of any kind, has only two weld or solder joints and requires no adjustment. This automatic cutout can be assembled progressively and purely mechanically from a minimum number of piece parts, without inconvenient connecting wires and without additional adjustment. Welding is prevented because the spark is discharge swiftly at the contacts and pressure of the movable contact in its bearing is guaranteed. As flexible connecting wires are dispensed with, fewer movable parts are necessary, and hence contact opening is more rapid. The excess-current trigger or the overcurrent trip is already calibrated and therefore the protective switch requires no adjustment. The excess-current trigger remains calibrated even after numerous disconnections.

IPC 1-7  
**H01H 77/10**; **H01H 73/18**; **H01H 71/08**

IPC 8 full level  
**H01H 71/08** (2006.01); **H01H 73/18** (2006.01); **H01H 77/10** (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP US)  
**H01H 71/08** (2013.01 - EP US); **H01H 73/18** (2013.01 - EP US); **H01H 77/101** (2013.01 - EP US); **H01H 71/526** (2013.01 - EP US)

Citation (examination)  
DE 3342469 A1 19850605 - BBC BROWN BOVERI & CIE [DE]

Designated contracting state (EPC)  
AT BE CH DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**US 5151674 A 19920929**; AT E121562 T1 19950515; DE 3915127 C1 19900906; DK 0427826 T3 19950626; EP 0427826 A1 19910522; EP 0427826 B1 19950419; ES 2071819 T3 19950701; HK 12196 A 19960202; WO 9013903 A1 19901115

DOCDB simple family (application)  
**US 64677191 A 19910308**; AT 90906852 T 19900502; DE 3915127 A 19890509; DE 9000316 W 19900502; DK 90906852 T 19900502; EP 90906852 A 19900502; ES 90906852 T 19900502; HK 12196 A 19960125