

Title (en)  
AUTOMATIC CUTOOUT.

Title (de)  
LEITUNGSSCHUTZSCHALTER.

Title (fr)  
DISJONCTEUR DE LIGNE.

Publication  
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Application  
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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.

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