

Title (en)

Power circuit breaker with blast coil operated by the arc

Title (de)

Leitungsschutzschalter mit lichtbogenbetätigter Blasspule

Title (fr)

Disjoncteur de puissance à bobine de soufflage actionné par l'arc

Publication

EP 0980085 B1 20061122 (DE)

Application

EP 99115328 A 19990803

Priority

DE 19836829 A 19980813

Abstract (en)

[origin: EP0980085A2] The circuit breaker has a fixed contact (5), a movable contact (9) pivotable against two lines (2,3) to provide an electrical connection between them and a blowout coil (20) for magnetically blowing out a light arc (B) formed when the contacts are separated. The blowout coil is switched between a line (3) and a contact element (13) for coupling to the light arc so that after separation of the contacts an electrical connection of the lines occurs via the light arc and blowout coil.

IPC 8 full level

H01H 9/44 (2006.01); **H01H 9/46** (2006.01); **H01H 73/18** (2006.01)

CPC (source: EP)

H01H 9/44 (2013.01); **H01H 9/443** (2013.01); **H01H 9/465** (2013.01); **H01H 73/18** (2013.01)

Cited by

DE102007054958A1; DE102007054960B3; CN103038847A; EP2393096A1; CN102360972A; EP2642500A1; EP3690907A1; CN111508784A; US7417520B2; EP2061052A2; WO2005048282A1; WO2013139870A1; EP2383761A1; EP2061053A2

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EP 0980085 A2 20000216; **EP 0980085 A3 20000802**; **EP 0980085 B1 20061122**; AT E346366 T1 20061215; DE 59913992 D1 20070104; ES 2276490 T3 20070616

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