

Title (en)

Blow out coil for gas-insulated load-break switches or circuit breakers

Title (de)

Löschspule zum Einsatz in gasisolierten Lasttrenn- oder Leistungsschaltern

Title (fr)

Bobine de soufflage pour sectionneurs sous charge or disjoncteurs isolés par gaz

Publication

EP 1026714 A3 20010502 (DE)

Application

EP 00101482 A 20000126

Priority

DE 19904932 A 19990206

Abstract (en)

[origin: EP1026714A2] The blowout coil has a cylindrical coil body (1), a conductor winding and an insulating film between the winding layers. The start of the winding is fixed to the coil body and electrically contacted to it. The winding is held together by a clamp (4) which is electrically contacted to the end of the winding. The start and immediately following part of the first winding layer (2a) is flat and bare, lying on the peripheral surface of the coil body. This part alone is connected mechanically and electrically to the coil body by the external clamp (4) and the force it produces on the winding. An Independent claim is included for a method of manufacturing a blowout coil.

IPC 1-7

H01H 33/18

IPC 8 full level

H01H 33/18 (2006.01)

CPC (source: EP)

H01H 33/187 (2013.01)

Citation (search report)

- [A] US 4918268 A 19900417 - POTHIEUX DANIEL [FR], et al & DE 3882186 A
- [A] EP 0676782 A2 19951011 - S & C ELECTRIC CO [US]
- [A] DE 228091 C
- [A] DE 683645 C 19391110 - BERNHARD BERGHAUS

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1026714 A2 20000809; EP 1026714 A3 20010502; EP 1026714 B1 20050608; AT E297597 T1 20050615; DE 19904932 C1 20001026; DE 50010481 D1 20050714; ES 2243153 T3 20051201; NO 20000568 D0 20000204; NO 20000568 L 20000807; NO 319305 B1 20050711

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