

Title (en)

Quenching 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 ou disjoncteurs isolés par gaz

Publication

EP 1026714 B1 20050608 (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.

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IPC 8 full level

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CPC (source: EP)

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