

Title (en)

INTERRUPTER TUBE WITH FIELD DISTRIBUTION CYLINDER FOR HIGH- OR MEDIUM-VOLTAGE CIRCUIT BREAKERS

Title (de)

UNTERBRECHERRÖHRE MIT FELDVERTEILUNGSZYLINDER FÜR HOCH- ODER MITTELSPANNUNGS- UNTERBRECHERSCHALTER

Title (fr)

CHAMBRE DE COUPURE AVEC CYLINDRE RÉPARTITEUR DE CHAMP POUR DISJONCTEURS HAUTE OU MOYENNE TENSION

Publication

EP 2076914 B1 20120404 (FR)

Application

EP 07820999 A 20071008

Priority

- EP 2007060626 W 20071008
- FR 0654160 A 20061009

Abstract (en)

[origin: WO2008043721A1] An insulation tube (18), provided between the main contacts (12b, 14b) and the arcing contacts 5 (12a, 14a) of an interrupter tube (10) in a high- or medium-voltage circuit breaker, is used for modifying the distribution of equipotential lines (V) during a power cut-off. It is thus possible to decrease the electric field on the contacts and to improve 10 the cut-off as well as the dielectric behaviour in open position. The insulation tube (18) can also be used for transmitting movement between the contacts (12, 14) in order to trigger the circuit-breaker.

IPC 8 full level

H01H 33/24 (2006.01); **H01H 33/42** (2006.01); **H01H 33/70** (2006.01)

CPC (source: EP US)

H01H 33/24 (2013.01 - EP US); **H01H 33/7069** (2013.01 - EP US); **H01H 33/245** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

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