

Title (en)

Electrical contactor and electric arc extinguishing chamber with deionisation blades

Title (de)

Elektrische Schaltvorrichtung und Lichtbogenlöschkammer mit Deionisierungsflügeln

Title (fr)

Dispositif électrique de coupure avec chambre d'extinction d'arc à ailettes de désionisation

Publication

EP 1667180 B1 20080305 (FR)

Application

EP 05354038 A 20051020

Priority

FR 0412972 A 20041206

Abstract (en)

[origin: EP1667180A1] The switchgear has an electric arc extinguishing chamber, opening on an opening volume (35), with a stack of de-ionization blades separated by an exchange gap. Free leading edges of the blades are exposed to an electric arc and delimit a recess (9) of asymmetrical form and formed to create, when the blades are alternatively stacked, chimneys (15) whose passages are closed in a plane perpendicular to chimneys' longitudinal axis.

IPC 8 full level

H01H 9/36 (2006.01)

CPC (source: EP)

H01H 9/362 (2013.01); **H01H 73/18** (2013.01); **H01H 2009/348** (2013.01)

Cited by

EP2109130A1; US9622374B2; WO2014135641A3

Designated contracting state (EPC)

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