

Title (en)

Circuit breaker with a reduced size arc chamber

Title (de)

Trennschalter mit einer verkleinerten Lichtbogenlöschkammer

Title (fr)

Dispositif de coupure comportant une chambre d'extinction d'arc de taille réduite

Publication

EP 1764811 B1 20081105 (FR)

Application

EP 06354024 A 20060725

Priority

FR 0509487 A 20050916

Abstract (en)

[origin: EP1764811A1] The device has an arc chute (24) with two parallel flanges placed on sides of a longitudinal mid-plane. The chute has a bottom arcing horn (34) electrically connected to a stationary contact part (20) and extends close to a rear wall. The horn receives an arc root when an arc extends from a stationary contact strip (36) towards the inside of the chute. The chute has a stack of separators (78) with notches extending in the mid-plane and regenerating separators (79) that are placed in a parallel manner and comprise metallic surfaces which cover half of the notches.

IPC 8 full level

H01H 9/36 (2006.01)

CPC (source: EP US)

H01H 9/36 (2013.01 - EP US); **H01H 9/46** (2013.01 - EP US)

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