

Title (en)

System with valve for an arc chamber, and circuit breaker having the same

Title (de)

System mit einem Ventil für eine Lichtbogenlöschkammer, und damit versehener Schutzschalter

Title (fr)

Système à clapet pour chambre de coupure, et disjoncteur le comprenant

Publication

EP 2383760 B1 20120509 (FR)

Application

EP 11354006 A 20110321

Priority

FR 1001790 A 20100427

Abstract (en)

[origin: EP2383760A1] The wall has a rigid grate having cross-section is orthogonal to closing surface of housing (62), and device forms valve (70) that is coupled to grate at level of intermediate frame and protruding on two sides by lips (80) able to rest on rims. Lips of device forms valve made from heat-resistant insulating material, having strength such that lip is rigid and flat when subjected to orthogonal pressure lower than primary threshold pressure. Lip deforms in reversible manner when orthogonal pressure is greater than secondary threshold pressure. Independent claims are included for the following: (1) arc extinguishing chamber; and (2) switchgear unit.

IPC 8 full level

H01H 9/34 (2006.01)

CPC (source: EP US)

H01H 9/342 (2013.01 - EP US); **H01H 2009/343** (2013.01 - EP US)

Cited by

EP2871658A1; US9406473B2

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DOCDB simple family (publication)

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