

Title (en)

Arc chamber and circuit breaker equipped with such an arc chamber

Title (de)

Lichtbogenkammer und Schutzschalter, der mit einer solchen Lichtbogenkammer ausgestattet ist

Title (fr)

Chambre de coupure et disjoncteur équipé d'une telle chambre de coupure

Publication

EP 2061051 B1 20100120 (FR)

Application

EP 08354067 A 20081003

Priority

FR 0707970 A 20071113

Abstract (en)

[origin: EP2061051A1] The chamber (4) has an arc formation chamber (11) defined by flanges (12, 13), and a gas evacuation unit evacuating gas generated during formation of an electric arc, where the flanges (12, 13) are made of ceramic material and gasogene organic material, respectively. The unit has an evacuation pipe (31) that is arranged behind the flange (13) and is connected to an exchange space. Permanent magnets have magnetized portions (33, 43, 52) that are arranged behind the flange (12). The unit has an opening partially formed in the flange (13) and is projected from the chamber (4).

IPC 8 full level

H01H 9/34 (2006.01); **H01H 9/44** (2006.01)

CPC (source: EP US)

H01H 9/346 (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US); **H01H 2009/348** (2013.01 - EP US)

Cited by

EP3389070A1; DE102017212033A1; US11195673B2; WO2018189373A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2061051 A1 20090520; EP 2061051 B1 20100120; AT E456145 T1 20100215; BR PI0804899 A2 20100727; BR PI0804899 B1 20190122; CN 101436495 A 20090520; CN 101436495 B 20130828; DE 602008000584 D1 20100311; ES 2336161 T3 20100408; FR 2923649 A1 20090515; FR 2923649 B1 20091211; RU 2008144742 A 20100520; RU 2479060 C2 20130410; US 2009120908 A1 20090514; US 8519292 B2 20130827

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