

Title (en)

Arc extinguisher for low voltage switchgear

Title (de)

Lichtbogenlöscheinrichtung für Niederspannungs-Schaltgeräte

Title (fr)

Dispositif d'extinction d'arc pour appareils de coupure à basse tension

Publication

**EP 1298687 B1 20071107 (DE)**

Application

**EP 02090180 A 20020523**

Priority

DE 10149019 A 20010928

Abstract (en)

[origin: EP1298687A2] The device has a quenching chamber with a quenching plate and a cover (8) with outlet openings (9) for switching gases and a selectively usable, separate cooling device (10) for the cooling gases with a de-ionization arrangement. The separate cooling device is frame-shaped to accommodate the de-ionization arrangement and is suitable for installation inside the quenching device between the quenching plate and the cover.

IPC 8 full level

**H01H 9/34** (2006.01); **H01H 9/36** (2006.01)

CPC (source: EP US)

**H01H 9/342** (2013.01 - EP US); **H01H 9/362** (2013.01 - EP US)

Cited by

CN107210149A; EP3435394A1; FR3069699A1; EP1763047A3; EP2573783A1; EP3223292A1; FR3049386A1; CN108735536A; RU2719403C2; US10134537B2; US10020143B2; US10522310B2; WO2016133997A1; WO2008151936A3

Designated contracting state (EPC)

DE FR GB IT

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**EP 1298687 A2 20030402**; **EP 1298687 A3 20041215**; **EP 1298687 B1 20071107**; DE 10149019 C1 20030618; DE 50211159 D1 20071220; US 2003062341 A1 20030403; US 6784393 B2 20040831

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**EP 02090180 A 20020523**; DE 10149019 A 20010928; DE 50211159 T 20020523; US 25618702 A 20020927