

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 A3 20041215 (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 1-7

H01H 9/34; **H01H 9/36**

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)

Citation (search report)

- [Y] EP 0437151 A1 19910717 - MERLIN GERIN [FR]
- [Y] EP 0022708 A1 19810121 - MERLIN GERIN [FR]
- [DA] DE 3541514 A1 19870527 - SIEMENS AG [DE]
- [A] WO 9526033 A1 19950928 - SIEMENS AG [DE], et al

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

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

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

DOCDB simple family (application)

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