

Title (en)

Electrical installation device with pre-arc chamber, pre-arc chamber plates and current limiting arc extinguishing device

Title (de)

Elektrisches Installationsgerät mit Lichtbogen-Vorkammerraum, Vorkammerplatten und strombegrenzender Lichtbogenlöscheinrichtung

Title (fr)

Dispositif d'installation électrique avec préchambre d'extinction d'arc, séparateurs de préchambre et dispositif d'extinction d'arc à limitation de courant

Publication

EP 1693869 A3 20090107 (DE)

Application

EP 06001077 A 20060119

Priority

DE 102005007282 A 20050217

Abstract (en)

[origin: EP1693869A2] The device has a housing wall provided with cutouts which are accessible from outside in a region of arc prechamber plates. Iron plates (16, 18) are inserted into the cutouts to create an AC heavy-duty switching device. Permanent magnet plates are inserted into the cutouts to create a DC heavy duty switching device. Prechamber plates made of an insulating material are arranged on both broad sides of an arc prechamber area.

IPC 8 full level

H01H 9/34 (2006.01); **H01H 9/44** (2006.01); **H01H 71/02** (2006.01)

CPC (source: EP US)

H01H 9/346 (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US); **H01H 9/446** (2013.01 - EP US); **H01H 11/0006** (2013.01 - EP US); **H01H 71/0214** (2013.01 - EP US); **H01H 2009/348** (2013.01 - EP US)

Citation (search report)

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- [Y] FR 2733352 A1 19961025 - SCHNEIDER ELECTRIC SA [FR]
- [A] US 4962406 A 19901009 - WALKER ROGER E [US], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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