

Title (en)

Electric installation device with an arc blow-out assembly

Title (de)

Elektrisches Installationsschaltgerät mit einer Lichtbogenblaseinrichtung

Title (fr)

Commutateur d'installation électrique doté d'un dispositif de soufflage de l'arc

Publication

EP 1998350 A3 20100825 (DE)

Application

EP 08007015 A 20080409

Priority

DE 102007025537 A 20070531

Abstract (en)

[origin: EP1998350A2] The electrical installation switching device has two housing halves consisting of housing (1), connection units for electrical connection with bus bars or power lines and an electrical switching contact. An AC blower device is provided, that has two iron plates in lateral direction on the adjacent pre-chamber. The housing wall has an opening in the region of iron plate, by which a permanent magnet is insertable for establishment of alternating current or direct current-blower device supported in AC or DC operation of the arc load guidance.

IPC 8 full level

H01H 9/44 (2006.01); **H01H 11/00** (2006.01); **H01H 9/34** (2006.01); **H01H 71/02** (2006.01)

CPC (source: EP US)

H01H 9/443 (2013.01 - EP US); **H01H 9/446** (2013.01 - EP US); **H01H 11/0006** (2013.01 - EP US); **H01H 9/346** (2013.01 - EP US); **H01H 71/0228** (2013.01 - EP US)

Citation (search report)

- [AD] EP 1693869 A2 20060823 - ABB PATENT GMBH [DE]
- [A] US 4962406 A 19901009 - WALKER ROGER E [US], et al
- [A] EP 0601941 A1 19940615 - MERLIN GERIN [FR]
- [A] DE 10117346 A1 20021107 - SIEMENS AG [DE]
- [A] JP H10326553 A 19981208 - MATSUSHITA ELECTRIC WORKS LTD

Cited by

CN104246958A; WO2019175042A1; EP2590193A1; US9076606B2; EP2696360A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1998350 A2 20081203; **EP 1998350 A3 20100825**; **EP 1998350 B1 20110608**; AT E512448 T1 20110615; CA 2632501 A1 20081130; CN 101315838 A 20081203; CN 101315838 B 20121128; DE 102007025537 A1 20081204; US 2008296264 A1 20081204; US 7679020 B2 20100316

DOCDB simple family (application)

EP 08007015 A 20080409; AT 08007015 T 20080409; CA 2632501 A 20080529; CN 200810085748 A 20080320; DE 102007025537 A 20070531; US 15397808 A 20080528