

Title (en)

Electrical installation device, particularly a circuit breaker

Title (de)

Elektrisches Installationsgerät, insbesondere Leitungsschutzschalter

Title (fr)

Dispositif d'installation électrique, en particulier disjoncteur

Publication

EP 1056105 A3 20020410 (DE)

Application

EP 00110302 A 20000513

Priority

DE 19924414 A 19990527

Abstract (en)

[origin: EP1056105A2] The contacts (11,12) of the power switch are located in a chamber that encloses the arcing region (20). The chamber has a pair of insulating plates (21,22) and outside of these iron plates (23,24). One of the plates is part of a current loop (18).

IPC 1-7

H01H 9/34; **H01H 9/44**

IPC 8 full level

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

CPC (source: EP)

H01H 9/346 (2013.01); **H01H 9/446** (2013.01)

Citation (search report)

- [A] US 4743720 A 19880510 - TAKEUCHI AKIRA [JP], et al
- [A] DE 3334108 A1 19850404 - SIEMENS AG [DE]
- [A] DE 19524915 A1 19970109 - ABB PATENT GMBH [DE]
- [A] DE 3337562 A1 19850425 - LICENTIA GMBH [DE]
- [A] DE 19518049 A1 19961121 - ABB PATENT GMBH [DE]

Cited by

US7259646B2; EP2973632B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1056105 A2 20001129; **EP 1056105 A3 20020410**; **EP 1056105 B1 20030528**; AT E241852 T1 20030615; DE 19924414 A1 20001130; DE 50002327 D1 20030703; PL 340281 A1 20001204

DOCDB simple family (application)

EP 00110302 A 20000513; AT 00110302 T 20000513; DE 19924414 A 19990527; DE 50002327 T 20000513; PL 34028100 A 20000525