

Title (en)

Arc extinguishing device

Title (de)

Vorrichtung zur Löschung eines Lichtbogens

Title (fr)

Dispositif pour éteindre un arc

Publication

EP 1005057 A3 20010404 (DE)

Application

EP 99123090 A 19991122

Priority

DE 19854108 A 19981124

Abstract (en)

[origin: EP1005057A2] The arrangement has light arc guide rails (9-1) connected to the contacts (2-4) to carry the light arc away from the contacts to quenching coils (15-17) at the ends remote from the contacts with movable ferromagnetic metal cores (19-21). A short circuit bridge (25) connected to the other side of the coils from the contacts short circuits the cores when these are displaced by the magnetic fields induced by the coils when the light arc reaches them.

IPC 1-7

H01H 33/20; **H01H 33/18**; **H01H 79/00**

IPC 8 full level

H01H 33/20 (2006.01); **H01H 79/00** (2006.01); **H01H 33/18** (2006.01)

CPC (source: EP)

H01H 33/20 (2013.01); **H01H 79/00** (2013.01); **H01H 33/18** (2013.01)

Citation (search report)

- [Y] DE 4438593 A1 19960502 - KLOECKNER MOELLER GMBH [DE]
- [Y] US 2595251 A 19520506 - HARRISON LAWRENCE H
- [DA] DE 4345170 A1 19950323 - KLOECKNER MOELLER GMBH [DE]
- [PDA] DE 29715775 U1 19990114 - KLOECKNER MOELLER GMBH [DE]
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Cited by

CN102306585A; EP1806817A1; US7755868B2

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)

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