

Title (en)
RELEASE DEVICE FOR A POWER CIRCUIT BREAKER

Title (de)
AUSLÖSEVORRICHTUNG FÜR EINEN LEISTUNGSSCHALTER

Title (fr)
DISPOSITIF DE DECLENCHEMENT POUR DISJONCTEUR

Publication
EP 1266387 A1 20021218 (DE)

Application
EP 01933716 A 20010316

Priority
• DE 10013099 A 20000317
• EP 0103034 W 20010316

Abstract (en)
[origin: WO0169630A1] The invention relates to a release device for a power circuit breaker (1) which has contacts (20) that are arranged in a housing and can be separated by actuating a release shaft (2) of a switching-off device. A blow-out channel (6) that is allocated to the contacts is configured in the housing. A lever (10) that is rotatably mounted on the housing engages with the release shaft (2) and has a baffle surface (14) which is allocated to the blow-out channel (6) and displaces the lever (10) after a pressure impact has occurred in the blow-out channel (6), for actuating the release shaft (2).

IPC 1-7
H01H 71/24

IPC 8 full level
H01H 71/24 (2006.01); **H01H 9/34** (2006.01)

CPC (source: EP)
H01H 71/2418 (2013.01); **H01H 1/2041** (2013.01); **H01H 9/342** (2013.01); **H01H 2077/025** (2013.01)

Citation (search report)
See references of WO 0169630A1

Cited by
DE102011077359A1; DE102009010229A1; DE102009015222A1; DE102009010227A1; DE102009010900A1; WO2010112420A1;
DE102009015126A1; US8553385B2; US8947182B2

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)
WO 0169630 A1 20010920; AT E371258 T1 20070915; CN 1230853 C 20051207; CN 1418369 A 20030514; DE 10013099 A1 20011004;
DE 10013099 B4 20040826; DE 50112908 D1 20071004; EP 1266387 A1 20021218; EP 1266387 B1 20070822; PL 198870 B1 20080731;
PL 357826 A1 20040726

DOCDB simple family (application)
EP 0103034 W 20010316; AT 01933716 T 20010316; CN 01806736 A 20010316; DE 10013099 A 20000317; DE 50112908 T 20010316;
EP 01933716 A 20010316; PL 35782601 A 20010316