

Title (en)

Blast nozzle mounting means for electrical circuit breaker

Title (de)

Düsenbefestigung für elektrisches Schaltgerät

Title (fr)

Dispositif de montage d'un buse pour un disjoncteur électrique

Publication

EP 1686602 A1 20060802 (DE)

Application

EP 05405049 A 20050201

Priority

EP 05405049 A 20050201

Abstract (en)

The unit has two contact parts concentrically arranged with respect to a central axis, where one of the parts includes an insulation nozzle (4) for blowing out of arc. A holding device includes a clamping device with holder rings for fixing the nozzle to components e.g. buffer cylinder and insulating electrode, by clamping. The clamping device includes a washer (10) for thermal and mechanical protection of a spring (11). An independent claim is also included for an electrical switching device including a breaker unit in a power grid.

IPC 8 full level

H01H 33/70 (2006.01)

CPC (source: EP US)

H01H 33/7061 (2013.01 - EP US); **H01H 33/7023** (2013.01 - EP US)

Citation (search report)

- [XY] US 5424503 A 19950613 - NEVEU ANDRE [FR]
- [X] FR 2093339 A5 19720128 - MERLIN GERIN
- [DYA] EP 0809268 B1 20040818 - SIEMENS AG [DE]
- [DA] EP 0735555 A2 19961002 - ASEA BROWN BOVERI [SE]
- [DA] EP 0806049 B1 20000315 - ABB AB [SE]

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1686602 A1 20060802; **EP 1686602 B1 20130821**; **EP 1686602 B2 20210407**; CN 101111915 A 20080123; CN 101111915 B 20120418; JP 2008529223 A 20080731; US 2007295693 A1 20071227; US 7619177 B2 20091117; WO 2006081697 A1 20060810

DOCDB simple family (application)

EP 05405049 A 20050201; CH 2006000053 W 20060125; CN 200680003552 A 20060125; JP 2007552485 A 20060125; US 87950807 A 20070718