

Title (en)

Circuit breaker for high currents and low voltage

Title (de)

Leistungsschalter für hohe Ströme und Niederspannung

Title (fr)

Disjoncteur pour courants élevés et basse tension

Publication

EP 1363300 A3 20040609 (DE)

Application

EP 03010745 A 20030514

Priority

DE 10222011 A 20020517

Abstract (en)

[origin: EP1363300A2] A contact holder (24) consisting of insulating molded material is unitarily connected to a connecting link (38), so that a steel core (40) lies outside contact pressure springs (26). A metal holding plate (42) is rigidly connected to the connecting link in a center pole space (7), swivelably connected to an operating mechanism (30), and pivotably mounted at the side pieces (28). Flexible connectors (17) extend to the corresponding conductor rails (13), flush with the pivot axis (51) of the holding plate (42).

IPC 1-7

H01H 1/58; **H01H 71/02**

IPC 8 full level

H01H 1/22 (2006.01); **H01H 1/58** (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP)

H01H 1/226 (2013.01); **H01H 1/5822** (2013.01); **H01H 71/1009** (2013.01); **H01H 2071/0292** (2013.01)

Citation (search report)

- [Y] US 4849589 A 19890718 - DICKENS JAMES W [US], et al
- [Y] US 4866225 A 19890912 - LEONE DAVID A [US], et al
- [A] US 4598186 A 19860701 - COOK JAMES W [US], et al
- [A] US 6225884 B1 20010501 - FISCHER KENNETH MARTIN [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1363300 A2 20031119; **EP 1363300 A3 20040609**; **EP 1363300 B1 20080326**; DE 10222011 C1 20031120

DOCDB simple family (application)

EP 03010745 A 20030514; DE 10222011 A 20020517