

Title (en)

LOW VOLTAGE CIRCUIT BREAKER

Title (de)

NIEDERSPANNUNGS-LEISTUNGSSCHALTER

Title (fr)

DISJONCTEUR BASSE TENSION

Publication

EP 1554739 A1 20050720 (DE)

Application

EP 03753268 A 20030828

Priority

- DE 0302883 W 20030828
- DE 10250950 A 20021025

Abstract (en)

[origin: WO2004040608A1] The invention relates to a low voltage circuit breaker which comprises a contact system for a principal current and an arc extinction chamber. An arc transmitting element is disposed between the contact system for the principal current and the arc extinction chamber. Said arc transmitting element (44) comprises at list one arc conductive element (46) which makes it possible to direct said arc in a certain manner to the arc extinction chamber (10).

IPC 1-7

H01H 9/46

IPC 8 full level

H01H 9/46 (2006.01); **H01H 9/34** (2006.01)

CPC (source: EP US)

H01H 9/46 (2013.01 - EP US); **H01H 9/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2004040608A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2004040608 A1 20040513; CN 1331173 C 20070808; CN 1689125 A 20051026; DE 10250950 A1 20040513; DE 10250950 B4 20041028; DE 50304387 D1 20060907; EP 1554739 A1 20050720; EP 1554739 B1 20060726; HK 1079614 A1 20060407; US 2006044091 A1 20060302; US 7064640 B2 20060620

DOCDB simple family (application)

DE 0302883 W 20030828; CN 03824602 A 20030828; DE 10250950 A 20021025; DE 50304387 T 20030828; EP 03753268 A 20030828; HK 05111495 A 20051214; US 53217505 A 20050421