

Title (en)
Circuit breaker

Title (de)
Leistungsschalter

Title (fr)
Disjoncteur

Publication
EP 0836209 B1 20040804 (DE)

Application
EP 97810661 A 19970915

Priority
DE 19641550 A 19961009

Abstract (en)
[origin: EP0836209A2] The circuit-breaker has a rotationally symmetrical arc- extinction chamber, with a pair of diametrically opposing spaced contact devices (5,6) aligned with its central axis (2), which can be bridged by a bridging contact extending along this axis. The annular gap (36) between the contact devices is enclosed by an annular heating volume (13), directly communicating with the annular gap.

IPC 1-7
H01H 33/90

IPC 8 full level
H01H 33/12 (2006.01); **H01H 33/90** (2006.01); **H01H 33/915** (2006.01); **H01H 33/70** (2006.01)

CPC (source: EP US)
H01H 33/901 (2013.01 - EP US); **H01H 33/7015** (2013.01 - EP US)

Cited by
FR2906931A1; EP3059753A4; FR2962847A1; EP3125265A4; WO2017032667A1; US9997314B2; EP2887367A1; WO2012007447A1; WO2008043721A1; US7202435B2; US6872907B2; US9524836B2; US8698033B2; WO2017174496A1; EP1444713B2

Designated contracting state (EPC)
CH DE FR IT LI

DOCDB simple family (publication)
EP 0836209 A2 19980415; EP 0836209 A3 19990407; EP 0836209 B1 20040804; CN 1153235 C 20040609; CN 1181603 A 19980513; DE 19641550 A1 19980416; DE 59711825 D1 20040909; JP H10149750 A 19980602; KR 100498833 B1 20050908; KR 19980032444 A 19980725; US 5905243 A 19990518

DOCDB simple family (application)
EP 97810661 A 19970915; CN 97120030 A 19971009; DE 19641550 A 19961009; DE 59711825 T 19970915; JP 27447197 A 19971007; KR 19970050246 A 19970930; US 91921397 A 19970828