

Title (en)
Circuit breaker

Title (de)
Leistungsschalter

Title (fr)
Disjoncteur

Publication
EP 1403891 B2 20160928 (DE)

Application
EP 02405825 A 20020924

Priority
EP 02405825 A 20020924

Abstract (en)
[origin: EP1403891A1] The breaker has an arcing chamber filled with an isolating gas, extends along a longitudinal axis. A deflection device (4) interacts with an opening in a hollow contact (2). The device is arranged on a side of the contact facing away from an arc area, for radial deflection of hot gases into an exhaust volume. An intermediate volume (7) is provided between the hollow contact and an exhaust body (10).

IPC 8 full level
H01H 33/02 (2006.01); **H01H 33/70** (2006.01); **H01H 33/76** (2006.01)

CPC (source: EP US)
H01H 33/7015 (2013.01 - EP US); **H01H 33/76** (2013.01 - EP US); **H01H 2033/888** (2013.01 - EP US)

Citation (opposition)
Opponent :

- DE 69017752 T2 19950713 - ALSTHOM GEC [FR]
- GB 219527 A 19240731 - WESTINGHOUSE ELECTRIC & MFG CO
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- US 4144426 A 19790313 - KOWALIK PETER M, et al
- US 4160888 A 19790710 - NATSUI KEN-ICHI, et al
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1403891 A1 20040331; EP 1403891 B1 20080305; EP 1403891 B2 20160928; AT E388478 T1 20080315; CN 1296951 C 20070124; CN 1497632 A 20040519; CN 1983487 A 20070620; CN 1983487 B 20150520; DE 50211839 D1 20080417; JP 2004119378 A 20040415; JP 4351009 B2 20091028; US 2004057167 A1 20040325; US 2005146406 A1 20050707; US 6872907 B2 20050329; US 7202435 B2 20070410

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EP 02405825 A 20020924; AT 02405825 T 20020924; CN 03159737 A 20030924; CN 200610163689 A 20030924; DE 50211839 T 20020924; JP 2003327600 A 20030919; US 6255605 A 20050223; US 66053203 A 20030912