

Title (en)
Gas blast circuit-breaker

Title (de)
Druckgasschalter

Title (fr)
Interrupteur à gaz imprimé

Publication
EP 0696040 B1 19980603 (DE)

Application
EP 95810434 A 19950629

Priority
DE 4427163 A 19940801

Abstract (en)
[origin: EP0696040A1] The switch has a pair of switch elements (1,2) displaced relative to one another within a switch chamber filled with an insulation gas, each having a network current contact (6,7) and an auxiliary contact (8,9). One of the switch elements (1) is acted on directly by the operating drive and has an attached jet (10) with a restriction (11) through which the compressed insulation gas is forced from a pressure space (12) and/or a compression space (19) to a buffer space (14). The end of the jet facing the other switch element supports a coaxial screening (21) enclosing the jet and forming part of the drive force coupling between the switch elements.

IPC 1-7
H01H 33/90

IPC 8 full level
H01H 33/90 (2006.01); **H01H 33/24** (2006.01)

CPC (source: EP US)
H01H 33/904 (2013.01 - EP US); **H01H 33/245** (2013.01 - EP US); **H01H 33/901** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Cited by
EP2369608A1; EP1930930A1; DE102006001241A1; DE19907838A1; FR2906931A1; EP0896350A3; EP1879207A1; DE19727850C1; DE10037959A1; DE10037959C2; DE19858793A1; EP0822565A3; DE102012200238A1; RU2608571C2; US8698033B2; US6410873B1; US6177643B1; WO0042627A1; WO2008068135A1; WO2008043721A1; WO9832142A1; WO2013104495A1; US9748059B2; US6271494B1; US7994442B2; US7932476B2; US9484161B2; DE102013108154A1; US9627155B2; US9865417B2; WO9900814A1; WO2011020508A1; WO2017016842A1

Designated contracting state (EPC)
CH DE FR GB IT LI

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EP 0696040 A1 19960207; EP 0696040 B1 19980603; AU 2719195 A 19960215; BR 9503510 A 19960528; CA 2154939 A1 19960202; CN 1069436 C 20010808; CN 1128892 A 19960814; DE 4427163 A1 19960208; DE 59502394 D1 19980709; US 5578806 A 19961126; ZA 956171 B 19960319

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EP 95810434 A 19950629; AU 2719195 A 19950726; BR 9503510 A 19950731; CA 2154939 A 19950728; CN 95115878 A 19950801; DE 4427163 A 19940801; DE 59502394 T 19950629; US 50611795 A 19950724; ZA 956171 A 19950725