

Title (en)
Circuit breaker with reduced self compression.

Title (de)
Lastschalter mit reduzierter Kompression.

Title (fr)
Disjoncteur à autocompression réduite.

Publication
EP 0684622 A1 19951129 (FR)

Application
EP 95401121 A 19950515

Priority
FR 9406128 A 19940519

Abstract (en)
The circuit breaker includes an insulating envelope 91), filled with a dielectric gas, and housing two arc contacts (3A,7A) attached to a mobile contact operated by an actuator (6). The mobile contact is placed axially inside the envelope and includes a tube (7), terminated with one of the arc contacts (7A). A second tube (8) is coaxial to the first one and attached to a crown (9) which links the two tubes. An expansion chamber (17) closed by a nozzle (10) communicates with a compression chamber via a one-way valve. <IMAGE>

IPC 1-7
H01H 33/91

IPC 8 full level
H01H 33/90 (2006.01); **H01H 33/915** (2006.01); **H01H 3/60** (2006.01)

CPC (source: EP US)
H01H 33/901 (2013.01 - EP US); **H01H 3/60** (2013.01 - EP US); **H01H 33/905** (2013.01 - EP US); **H01H 2033/906** (2013.01 - EP US); **H01H 2033/908** (2013.01 - EP US)

Citation (applicant)
EP 0591039 A1 19940406 - GEC ALSTHOM T & D SA [FR]

Citation (search report)
• [X] DE 4025553 A1 19920213 - LICENTIA GMBH [DE]
• [DA] EP 0591039 A1 19940406 - GEC ALSTHOM T & D SA [FR]

Cited by
FR2755293A1; FR2763172A1; FR3008541A1; FR2762925A1; FR2937179A1; FR2752478A1; US8816237B2; WO2010040574A1; WO2015007635A1

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI PT SE

DOCDB simple family (publication)
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EP 95401121 A 19950515; AT 95401121 T 19950515; AU 2003695 A 19950515; BR 9502083 A 19950518; CA 2149490 A 19950516; CN 95106306 A 19950518; DE 69516206 T 19950515; ES 95401121 T 19950515; FR 9406128 A 19940519; PL 30866395 A 19950518; PT 95401121 T 19950515; US 44145995 A 19950515; ZA 954068 A 19950518