

Title (en)
PRESSURISED-GAS ELECTRIC CIRCUIT BREAKER

Title (de)
DRUCKGAS-LEISTUNGSSCHALTER

Title (fr)
DISJONCTEUR À GAZ COMPRIMÉ

Publication
EP 2569795 B1 20150318 (DE)

Application
EP 11720067 A 20110503

Priority
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• EP 2011057010 W 20110503

Abstract (en)
[origin: WO2011141321A1] The invention relates to a circuit breaker comprising a first contact (4) and a second contact (5). An electric arc zone is disposed between the contacts (4, 5). A feed channel (13) opens into the electric arc zone, connecting the electric arc zone to a hot gas reservoir volume (14). The hot gas reservoir volume (14), in turn, is connected to a compression volume (18). An outflow opening (20a, 20b, 20c, 20d, 20e, 20f, 20g, 20h) is disposed in a wall (8) of the compression volume (18). The outflow opening (20a, 20b, 20c, 20d, 20e, 20f, 20g, 20h) is permanently open at least in the contacting state of the contacts (4, 5).

IPC 8 full level
H01H 33/91 (2006.01)

CPC (source: EP US)
H01H 33/91 (2013.01 - EP US); **H01H 2033/908** (2013.01 - EP US)

Citation (opposition)
Opponent : **ABB Schweiz AG**
• EP 1939910 A1 20080702 - ABB TECHNOLOGY AG [CH]
• DE 20015563 U1 20020124 - SIEMENS AG [DE]
• EP 1548780 A1 20050629 - ABB TECHNOLOGY AG [CH]
• EP 0146671 A1 19850703 - SPRECHER & SCHUH AG [CH]
• EP 0296363 A2 19881228 - LICENTIA GMBH [DE]

Cited by
DE102014216171A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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US 2013056444 A1 20130307; US 9029726 B2 20150512; WO 2011141321 A1 20111117

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