

Title (en)
PRESSURISED-GAS ELECTRIC CIRCUIT BREAKER

Title (de)
DRUCKGAS-LEISTUNGSSCHALTER

Title (fr)
DISJONCTEUR À GAZ COMPRIMÉ

Publication
EP 2569795 A1 20130320 (DE)

Application
EP 11720067 A 20110503

Priority
• DE 102010020979 A 20100512
• 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 (search report)
See references of WO 2011141321A1

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)
DE 102010020979 A1 20111117; BR 112012028863 A2 20160726; CN 102985990 A 20130320; CN 102985990 B 20160309; EP 2569795 A1 20130320; EP 2569795 B1 20150318; MX 2012013125 A 20130211; RU 2012153565 A 20140620; RU 2562963 C2 20150910; US 2013056444 A1 20130307; US 9029726 B2 20150512; WO 2011141321 A1 20111117

DOCDB simple family (application)
DE 102010020979 A 20100512; BR 112012028863 A 20110503; CN 201180034178 A 20110503; EP 11720067 A 20110503; EP 2011057010 W 20110503; MX 2012013125 A 20110503; RU 2012153565 A 20110503; US 201113697627 A 20110503