

Title (en)
AIR CIRCUIT BREAKER

Title (de)
LUFTUNTERBRECHERSCHALTER

Title (fr)
DISJONCTEUR PNEUMATIQUE

Publication
EP 1471553 B1 20060517 (EN)

Application
EP 02710413 A 20020131

Priority
JP 0200739 W 20020131

Abstract (en)
[origin: EP1471553A1] An extinguisher (17) inductively extinguishes an arc generated between the movable and fixed contacts (5,4), during passing current to cabinet (1) through movable arc contactor (6) and fixed arc contactor (22a) in block (22). The vents (1d) are provided in cabinet opposing the arc gas discharge window (1c) to form an air passage. When pressure in cabinet rises, the vents are closed by valve (21).

IPC 8 full level
H01H 33/53 (2006.01); **H01H 9/34** (2006.01); **H01H 9/52** (2006.01); **H01H 73/18** (2006.01); **H01H 1/22** (2006.01); **H01H 1/62** (2006.01)

CPC (source: EP KR)
H01H 9/342 (2013.01 - EP); **H01H 9/52** (2013.01 - EP); **H01H 33/04** (2013.01 - KR); **H01H 33/53** (2013.01 - EP); **H01H 73/18** (2013.01 - EP); **H01H 1/226** (2013.01 - EP); **H01H 1/62** (2013.01 - EP); **H01H 2009/343** (2013.01 - EP)

Cited by
EP2573789A1; EP1975954A3; EP3447782A4; US9147541B2; US10134553B2; WO2013041358A1

Designated contracting state (EPC)
DE ES FR GB IT

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