

Title (en)

Arc chamber for a medium- or high-voltage circuit breaker with reduced operating energy and dimensions

Title (de)

Unterbrechkammer eines Schutzschalters für Hoch- und Mittelspannung mit reduzierter Bedienungsenergie und kleineren Abmessungen

Title (fr)

Chambre de coupure pour disjoncteur a moyenne ou haute tension a energie de manoeuvre et dimensions reduites

Publication

EP 2402970 B1 20180321 (FR)

Application

EP 11172008 A 20110629

Priority

FR 1055322 A 20100701

Abstract (en)

[origin: EP2402970A1] The chamber (1) has a fixed permanent contact (2) coaxially arranged for peripheral supporting with a movable arc contact (5) connected to an operating rod in a closed position to an intermediate opening position. A mechanical stop locks the movable arc contact integrated to a blowing piston (60) in a locking position corresponding or close to the intermediate opening position for peripheral supporting with the permanent contact. The locking position is constituted of a separation position of the arc contact next to a blowing channel (700).

IPC 8 full level

H01H 33/90 (2006.01)

CPC (source: EP)

H01H 33/90 (2013.01); **H01H 2033/028** (2013.01); **H01H 2033/907** (2013.01); **H01H 2033/908** (2013.01)

Cited by

FR3003078A1; FR3017742A1; WO2015121439A1

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)

EP 2402970 A1 20120104; EP 2402970 B1 20180321; FR 2962253 A1 20120106; FR 2962253 B1 20120831

DOCDB simple family (application)

EP 11172008 A 20110629; FR 1055322 A 20100701