

Title (en)  
MULTIPOLE AIR CIRCUIT BREAKER COMPRISING AN IMPROVED GAS FILTRATION APPARATUS

Title (de)  
MULTIPOLARER SCHUTZSCHALTER MIT UNTERBRECHUNG IN DER LUFT, DER EINE VERBESSERTE FILTERVORRICHTUNG FÜR DAS UNTERBRECHUNGSGAS UMFASST

Title (fr)  
DISJONCTEUR MULTIPOLAIRE À COUPURE DANS L'AIR COMPORTANT UN DISPOSITIF DE FILTRAGE DU GAZ DE COUPURE AMÉLIORÉ

Publication  
**EP 3179497 B1 20190206 (FR)**

Application  
**EP 16203077 A 20161209**

Priority  
FR 1562144 A 20151210

Abstract (en)  
[origin: US2017169972A1] A high-voltage multipolar circuit breaker including a first chamber for receiving gases, in communication with a first arc quenching chamber, and including a first aperture for exhausting gases to the exterior of the casing, the aperture being provided with a first downstream filtering device. The circuit breaker furthermore includes at least one second chamber for receiving gases, in communication with at least one second arc quenching chamber of another pole of the circuit breaker, the chamber itself being equipped with a second upstream device for filtering gases, the second chamber for receiving gases including a second aperture for exhausting gases to the exterior of the casing, the chamber being provided with a second downstream filtering device, the first chamber for receiving gases and the second chamber for receiving gases being separated fluidically one from the other by an impermeable wall.

IPC 8 full level  
**H01H 9/34** (2006.01); **H01H 73/18** (2006.01)

CPC (source: CN EP US)  
**H01H 9/342** (2013.01 - CN EP US); **H01H 33/65** (2021.05 - US); **H01H 73/18** (2013.01 - EP US); **H01H 2201/024** (2013.01 - US)

Cited by  
FR3141796A1; WO2024100346A1

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 3179497 A1 20170614; EP 3179497 B1 20190206**; CN 106876197 A 20170620; CN 106876197 B 20191115; FR 3045205 A1 20170616; FR 3045205 B1 20180126; US 10020144 B2 20180710; US 2017169972 A1 20170615

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**EP 16203077 A 20161209**; CN 201611129952 A 20161209; FR 1562144 A 20151210; US 201615296378 A 20161018