

Title (en)  
INTERRUPTER UNIT FOR A CIRCUIT BREAKER

Title (de)  
UNTERBRECHEREINHEIT FÜR EINEN LEISTUNGSSCHALTER

Title (fr)  
UNITÉ COUPE-CIRCUIT POUR DISJONCTEUR

Publication  
**EP 3469618 B1 20200826 (DE)**

Application  
**EP 17739931 A 20170706**

Priority  
• DE 102016214196 A 20160802  
• EP 2017067000 W 20170706

Abstract (en)  
[origin: WO2018024435A1] The invention relates to an interrupter unit (100) for a circuit breaker. The interrupter unit (100) comprises: two electrically conductive arc contact pieces (5, 6), which can be moved relative to each other along a switch gap (2); an insulant nozzle (7) with a nozzle duct (8) through which the switch gap (2) runs; a heating volume (10) connected to the nozzle duct (8); a separating housing (11), which divides the heating volume (10) into a cold gas region (31) and a hot gas region (32); a cold gas duct (33), which runs through a nozzle duct end section (25) of the nozzle duct (8) and is connected to the cold gas region (31); and a hot gas duct (34), which runs through the nozzle duct end section (25) and is connected to the hot gas region (32).

IPC 8 full level  
**H01H 33/70** (2006.01); **H01H 33/74** (2006.01); **H01H 33/82** (2006.01); **H01H 33/90** (2006.01)

CPC (source: EP US)  
**H01H 33/703** (2013.01 - EP US); **H01H 33/74** (2013.01 - EP US); **H01H 33/82** (2013.01 - EP US); **H01H 33/90** (2013.01 - US); **H01H 33/901** (2013.01 - US); **H01H 33/91** (2013.01 - US); **H01H 2033/906** (2013.01 - EP US)

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)  
**WO 2018024435 A1 20180208**; CN 109564836 A 20190402; CN 109564836 B 20200703; DE 102016214196 A1 20180208; DE 102016214196 B4 20191121; EP 3469618 A1 20190417; EP 3469618 B1 20200826; US 10685798 B2 20200616; US 2019180963 A1 20190613

DOCDB simple family (application)  
**EP 2017067000 W 20170706**; CN 201780047936 A 20170706; DE 102016214196 A 20160802; EP 17739931 A 20170706; US 201716322977 A 20170706