

Title (en)
ELECTRICAL SWITCHING DEVICE

Title (de)
ELEKTRISCHES SCHALTGERÄT

Title (fr)
APPAREIL DE COMMUTATION ÉLECTRIQUE

Publication
EP 4064307 A1 20220928 (FR)

Application
EP 22164382 A 20220325

Priority
FR 2103102 A 20210326

Abstract (en)
[origin: CN115132549A] An electrical switching apparatus (2) comprising a housing (4) and an arc extinguish chamber (12) housed in the housing, the arc extinguish chamber comprising a stack of metal plates (14), the switching apparatus further comprising a shunt member (20) placed at an output of the arc extinguish chamber, the shunt member being placed in contact with the stack of metal plates, perpendicular to the metal plates, while being at least partially inserted in a grid and/or between the metal plates of the stack, therefore, the air flow discharged from the arc extinguish chamber is shunted.

Abstract (fr)
Appareil de commutation électrique (2), comportant un boîtier (4) et une chambre de coupure (12) logée dans le boîtier, la chambre de coupure comportant un empilement de plaques métalliques (14), l'appareil de commutation comportant en outre une pièce de séparation (20) placée en sortie de la chambre de coupure, la pièce de séparation étant disposée au contact de l'empilement de plaques métalliques, perpendiculairement aux plaques métalliques, en étant au moins partiellement insérée dans la grille et/ou entre les plaques métalliques de l'empilement, de manière à séparer le flux de gaz sortant de la chambre de coupure.

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

CPC (source: CN EP)
H01H 9/30 (2013.01 - CN); **H01H 9/342** (2013.01 - EP); **H01H 73/18** (2013.01 - CN EP); **H01H 2009/365** (2013.01 - EP)

Citation (search report)

- [A] JP S5550559 U 19800402
- [A] JP 2009070601 A 20090402 - MITSUBISHI ELECTRIC CORP
- [A] DE 102009056190 B3 20110512 - ABB AG [DE]
- [A] JP S55173052 U 19801211
- [A] JP S5438567 A 19790323 - MATSUSHITA ELECTRIC WORKS LTD
- [A] JP S60149045 U 19851003
- [A] CN 205692787 U 20161116 - ZHEJIANG HEXING ELECTRICIAN CO LTD

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4064307 A1 20220928; AU 2022201935 A1 20221013; CN 115132549 A 20220930; FR 3121269 A1 20220930; FR 3121269 B1 20230818

DOCDB simple family (application)
EP 22164382 A 20220325; AU 2022201935 A 20220321; CN 202210276142 A 20220321; FR 2103102 A 20210326