

Title (en)
ELECTRICAL CIRCUIT BREAKER DEVICE

Title (de)
ELEKTRISCHE SCHUTZSCHALTERVORRICHTUNG

Title (fr)
DISPOSITIF DE DISJONCTEUR ÉLECTRIQUE

Publication
EP 3433869 B1 20210217 (EN)

Application
EP 17710316 A 20170316

Priority
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Abstract (en)
[origin: WO2017162517A1] An electric switching device (1) filled with a dielectric insulating medium comprises an arrangement of arcing contacts with a first arcing contact (3) and a second arcing contact (4), an insulating nozzle (2), an arcing volume (5) between the first arcing contact (3) and the second arcing contact (4), an exhaust volume (6) and an exhaust tube (7) arranged inside the exhaust volume (6). A diameter of the exhaust tube (7) increases in longitudinal direction (z) away from the arcing volume (5). Additionally or alternatively, the exhaust tube (7) comprises a plurality of exhaust tube openings (8) through its side wall (12), which connect the interior of the exhaust tube (7) with the exhaust volume (6), wherein at least a part of the exhaust tube openings (8) have different sizes.

IPC 8 full level
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