

Title (en)
Reconfigurable electric switch

Title (de)
Rekonfigurierbarer elektrischer Schalter

Title (fr)
Commutateur électrique reconfigurable

Publication
EP 2866243 B1 20161130 (EN)

Application
EP 13382417 A 20131022

Priority
EP 13382417 A 20131022

Abstract (en)
[origin: EP2866243A1] The present invention relates to a current breaker switch which allows quickly, effectively and completely extinguishing electric arcs occurring in an electric circuit during circuit cut-off and closing operations, which makes it particularly applicable to cutting off direct current. The switch comprises at least one pair of fixed contacts (4,4') and a moving contact (9) assembled in a rotor (2) made of an insulating material, where the rotor (2) is suitable for moving linearly with respect to the fixed contacts. The switch is reconfigurable because the internal contacts of the switch are connected in series during the transitory current cut-off process, and those same contacts are connected in parallel during the permanent current conducting state of the switch.

IPC 8 full level
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