

Title (en)
Electrical circuit breaker with two vacuum switch tubes in series

Title (de)
Elektrischer Schalter mit zwei Vakuumschaltkapseln in Reihe

Title (fr)
Disjoncteur électrique à deux cartouches à vide en série

Publication
EP 0542637 B1 19970723 (FR)

Application
EP 92420361 A 19921014

Priority
FR 9113062 A 19911017

Abstract (en)
[origin: CA2080517A1] 13 ELECTRICAL CIRCUIT BREAKER WITH TWO VACUUM CARTRIDGES IN SERIES Inside a sealed enclosure (10) filled with sulphur hexafluoride there are housed main contacts (17,19) and parallel with the latter an auxiliary circuit comprising two vacuum cartridges (20,21) electrically connected in series. The cartridges (20,21) are operated by a single mechanism to open and close simultaneously and serial connection enables the voltage withstand to be increased. The invention can be applied to medium or high voltage gasinsulated installations or substations. Refer to figure 1.

IPC 1-7
H01H 33/12; **H01H 33/66**

IPC 8 full level
H01H 33/12 (2006.01); **H01H 33/28** (2006.01); **H01H 33/66** (2006.01); **H01H 33/666** (2006.01); **H02B 13/02** (2006.01)

CPC (source: EP US)
H01H 33/122 (2013.01 - EP US); **H01H 33/6661** (2013.01 - EP US)

Citation (examination)
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Cited by
CN112735902A; CN112614716A; EP3843117A1

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FR 2682807 A1 19930423; **FR 2682807 B1 19970124**; CA 2080517 A1 19930418; DE 69221080 D1 19970904; DE 69221080 T2 19980115; EP 0542637 A1 19930519; EP 0542637 B1 19970723; ES 2106153 T3 19971101; JP H05266770 A 19931015; US 5347096 A 19940913

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