

Title (en)
Vacuum circuit breaker.

Title (de)
Vakuumschalteranordnung.

Title (fr)
Interrupteur à vide.

Publication
EP 0346603 A1 19891220 (DE)

Application
EP 89107836 A 19890429

Priority
CH 228388 A 19880614

Abstract (en)
The switch arrangement (10) has three identical insulating support frames (12, 12'), in the tubular insulating housings (16) of which a vacuum interrupter (28) is arranged in each case. Parallel insulating wall elements (18), on which bearing elements (26) for drive parts of the spring energy drive (20) are formed, protrude from the insulating housings (16). The output shaft (22) of the spring energy drive (20) is mounted on all insulating wall elements (18), while the remaining drive parts are arranged on the insulating wall elements (18) of the middle insulating support frame (12').
<IMAGE>

Abstract (de)
Die Schalteranordnung (10) weist drei identische Isoliertragrahmen (12, 12') auf, in deren rohrförmigen Isoliergehäusen (16) je eine Vakuumschaltröhre (28) angeordnet ist. Von den Isoliergehäusen (16) stehen parallele Isolierwandelemente (18) ab, an welchen Lager Elemente (26) für Antriebsteile des Federkraftantriebs (20) angeformt sind. Die Abtriebswelle (22) des Federkraftantriebs (20) ist an sämtlichen Isolierwandelementen (18) gelagert, während die restlichen Antriebsteile an den Isolierwandelementen (18) des mittleren Isoliertragrahmens (12') angeordnet sind.

IPC 1-7
H01H 33/02; **H01H 33/66**

IPC 8 full level
H01H 33/02 (2006.01); **H01H 33/66** (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP US)
H01H 33/022 (2013.01 - EP US); **H01H 33/666** (2013.01 - EP US); **H01H 2033/6665** (2013.01 - EP US); **H01H 2033/6667** (2013.01 - EP US)

Citation (search report)
• [AD] EP 0060054 A1 19820915 - TOKYO SHIBAURA ELECTRIC CO [JP]
• [AD] US 4587390 A 19860506 - GRAY KEITH I [US]
• [A] US 3560682 A 19710202 - KOHLER WERNER, et al
• [A] CAT 8-0/ 12-1980 SACE "MEDIUM VOLTAGE VACUUM CONTACTORS" siehe Seite 4

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EP 89107836 A 19890429; AT 89107836 T 19890429; BR 8902819 A 19890613; CA 602096 A 19890608; DE 58905809 T 19890429; ES 89107836 T 19890429; JP 14975689 A 19890614; NO 892478 A 19890614; US 36125789 A 19890605