

Title (en)  
Switching device.

Title (de)  
Schaltgerät.

Title (fr)  
Appareil de commutation.

Publication  
**EP 0126918 A1 19841205 (DE)**

Application  
**EP 84103924 A 19840409**

Priority  
AT 149683 A 19830425

Abstract (en)  
[origin: US4573029A] A switch comprises switch members movable in an operating direction for opening and closing an electric circuit, a solenoid drive for moving the switch members in the operating direction, the solenoid drive comprising an armature having an operating movement normal to the operating direction of the switch members and a core, a push rod whereto the switch members are coupled for movement therewith, the push rod comprising a gear rack, and a pinion segment meshing with the gear rack. The push rod and the pinion segment are located between the armature and the core and are surrounded thereby, the pinion segment is pivotal about an axis extending transversely to the push rod and is engaged by the armature, the operating movement of the armature pivoting the pinion segment and moving the push rod and switch members coupled thereto in the operating direction.

Abstract (de)  
Schaltgerät mit einem Antrieb und Schaltorganen, bei dem die Arbeitsbewegungen der Schaltorgane und des Antriebes zueinander senkrecht stehen. Zur Kopplung dieser Bewegungen ist ein als Zahnritzel (24) ausgebildetes Übertragungsglied vorgesehen, das mit einem als Zahnstange (12') ausgebildeten Stößel (12), der die Schaltorgane (20) trägt, kämmt und vom Anker (26) des als Elektromagnet ausgebildeten Antriebes bewegbar ist.

IPC 1-7  
**H01H 50/22**; **H01H 3/40**

IPC 8 full level  
**H01H 51/06** (2006.01); **H01H 3/40** (2006.01); **H01H 50/08** (2006.01); **H01H 50/64** (2006.01)

CPC (source: EP US)  
**H01H 3/40** (2013.01 - EP US); **H01H 50/08** (2013.01 - EP US); **H01H 50/643** (2013.01 - EP US)

Citation (search report)  
• [A] DE 1290229 C  
• [A] DE 1590368 A1 19700416 - ELECTRIC CONSTRUCTION W TON LT  
• [A] FR 769242 A 19340822 - FORGES ATELIERS CONST ELECTR  
• [AD] CH 349324 A 19601015 - NOVOTNY BOHUSLAV DR [CZ]

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KR20190006543A; CN109313994A; KR20190006541A; CN110853983A; EP0200617A1; FR2581242A1; DE102014106015A1; US10720285B2; WO2017194236A1

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**EP 84103924 A 19840409**; AT 149683 A 19830425; BR 8401876 A 19840424; CA 452180 A 19840417; DE 3461341 T 19840409; DK 205784 A 19840424; FI 841558 A 19840418; JP 8125484 A 19840424; US 59878284 A 19840410; ZA 842850 A 19840416