

Title (en)

Hydraulic system for actuating at least one lineary moving element.

Title (de)

Hydraulikeinrichtung zur Betätigung wenigstens eines linear bewegliches Bauteils.

Title (fr)

Dispositif hydraulique pour la commande d'au moins un élément linéairement mobile.

Publication

**EP 0655761 A3 19970502 (DE)**

Application

**EP 94118333 A 19941122**

Priority

DE 4340142 A 19931125

Abstract (en)

[origin: EP0655761A2] The invention relates to a hydraulic device for operating at least one component which can move linearly, especially the moving contact piece of a medium-voltage or high-voltage power circuit breaker (power switch), having in each case one piston/cylinder arrangement (20) which is assigned to the at least one component, having a high-pressure reservoir (36 to 42) from which a highly pressurised hydraulic fluid can be supplied to the piston/cylinder arrangement (20), and having a low-pressure reservoir for the hydraulic fluid. The hydraulic fluid is conveyed from the low-pressure reservoir to the high-pressure reservoir by means of a pump (28, 29). The individual components of the hydraulic device are connected to a central distribution device (18) which has at least one line (34, 35) in each case for hydraulic fluid which is subject to high pressure and hydraulic fluid which is subject to low pressure. <IMAGE>

IPC 1-7

**H01H 33/34**

IPC 8 full level

**F15B 1/00** (2006.01); **H01H 33/34** (2006.01)

CPC (source: EP KR US)

**H01H 33/34** (2013.01 - EP KR US); **H01H 33/64** (2013.01 - KR)

Citation (search report)

- [A] FR 2685541 A1 19930625 - ALSTHOM GEC [FR]
- [A] FR 1423882 A 19660107
- [A] US 4894988 A 19900123 - HOPPENJANS ALBERT J [US]
- [A] FR 2209997 A1 19740705 - MERLIN GERIN [FR]

Designated contracting state (EPC)

AT CH DE FR IT LI

DOCDB simple family (publication)

**EP 0655761 A2 19950531**; **EP 0655761 A3 19970502**; **EP 0655761 B1 19990728**; AT E182716 T1 19990815; CN 1107998 A 19950906; DE 4340142 A1 19950601; DE 4340142 C2 19951123; DE 59408541 D1 19990902; JP H07217603 A 19950815; KR 950015443 A 19950616; US 5584180 A 19961217

DOCDB simple family (application)

**EP 94118333 A 19941122**; AT 94118333 T 19941122; CN 94118817 A 19941124; DE 4340142 A 19931125; DE 59408541 T 19941122; JP 28955194 A 19941124; KR 19940030221 A 19941117; US 34448894 A 19941123