Title (en)

OPERATING UNIT FOR SWITCHGEAR

Title (de)

BETRIEBSEINHEIT FÜR EIN GETRIEBE

Title (fr)

UNITE DE FONCTIONNEMENT POUR UN APPAREILLAGE DE COMMUTATION

Publication

EP 1662532 B1 20090225 (EN)

Application

EP 03768387 A 20031226

Priority

- JP 0317084 W 20031226
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Abstract (en)

[origin: EP1662532A1] Disclosed is an operating mechanism capable of achieving enhanced accuracy in a stop position of a switch in motor operation and in a stop position of the switch (in pulling out position of a manual handle) in manual operation. The operating mechanism comprises a grooved cam shaft 5 having a cylindrical surface formed with a groove 10 engaged with a roller 13. The grooved cam shaft 5 is designed to be rotated so as to drive the roller 13 to thereby rotate an output shaft 11, and the groove 10 is configured such that an axial displacement rate thereof relative to a rotation of the grooved cam shaft 5 is minimized around a position corresponding to each stop position of the switch to prevent the output shaft 11 from being rotated even if the grooved cam shaft 5 is rotated.

IPC 8 full level (invention and additional information)

H01H 33/42 (2006.01); **H01H 3/26** (2006.01); **H01H 3/40** (2006.01); **H01H 3/42** (2006.01); **H01H 33/28** (2006.01); **H01H 33/36** (2006.01)

CPC (invention and additional information)

H01H 3/40 (2013.01); **H01H 3/26** (2013.01); **H01H 3/3047** (2013.01); **H01H 3/42** (2013.01)

Cited by

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Designated contracting state (EPC)

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