

Title (en)

Limit switch mechanism for mechanical actuating switch contacts

Title (de)

Endschaltergetriebe zur mechanischen Betätigung von Schaltkontakten

Title (fr)

Mécanisme d'interrupteur de fin de course pour la commande mécanique de contacts d'interrupteur

Publication

EP 0951037 A3 20000510 (DE)

Application

EP 99103999 A 19990311

Priority

DE 29806920 U 19980417

Abstract (en)

[origin: EP0951037A2] The end switch operating drive is used for mechanical operation of the switch contacts, with at least one cogwheel (5,6,15) fitted to at least one drive shaft (3,7). The latter has a polygonal cross-section throughout its length, the cogwheel provided with a central opening with the corresponding polygonal profile. The drive shaft may be provided by a length of continuously drawn or extruded profile, its polygonal cross-section having a number of relatively spaced cylindrical outer contour sections and intermediate longitudinal channel sections.

IPC 1-7

H01H 19/18; **H01H 3/40**

IPC 8 full level

H01H 19/18 (2006.01); **H01H 3/40** (2006.01)

CPC (source: EP)

H01H 19/18 (2013.01); **H01H 3/40** (2013.01)

Citation (search report)

- [Y] DE 2244404 A1 19740404 - WEHRLE KG EMILIAN
- [Y] EP 0547013 A1 19930616 - TECNO ELETTRICA RAVASI S R L [IT]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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