

Title (en)  
Hand operated on-off switch with electromagnetic release.

Title (de)  
Handbetätigter Ein-Aus-Schalter mit elektromagnetischer Auslösung.

Title (fr)  
Interrupteur manuel à déclencheur électromagnétique.

Publication  
**EP 0295236 B1 19940119 (DE)**

Application  
**EP 88890138 A 19880606**

Priority  
AT 145587 A 19870609

Abstract (en)  
[origin: EP0295236A2] In a hand-operated on-off switch with an electromagnetic release, a part (9), which opens and closes the switch contacts, and an operating member, particularly a rotating handle (2), are designed so as to be separate and such that they can be coupled together, the part (9), which opens and closes the switch contacts, being loaded from the locked position for the closing movement by a spring. The part (9) and the operating member (2, 6) are designed of material which conducts the magnetic flux, at least on their end surfaces or bearing surfaces (7a, 8a) facing one another, and can be coupled to one another in a force-locked manner by the electromagnet. <??>The coil (10) of the electromagnet can have a voltage applied to it, in this case preferably via auxiliary contacts (16). <IMAGE>

IPC 1-7  
**H01H 71/68**; **H01H 83/12**

IPC 8 full level  
**H01H 3/56** (2006.01); **H01H 51/06** (2006.01); **H01H 71/68** (2006.01); **H01H 83/12** (2006.01); **H01H 3/40** (2006.01); **H01H 19/635** (2006.01); **H01H 71/46** (2006.01)

CPC (source: EP US)  
**H01H 71/68** (2013.01 - EP US); **H01H 83/12** (2013.01 - EP US); **H01H 3/40** (2013.01 - EP US); **H01H 19/635** (2013.01 - EP US); **H01H 71/46** (2013.01 - EP US)

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