

Title (en)
Switch-disconnector

Title (de)
Lasttrennschalter

Title (fr)
Interrupteur de puissance

Publication
EP 1443534 B1 20100804 (EN)

Application
EP 04075122 A 20040116

Priority
IT RM20030037 A 20030129

Abstract (en)
[origin: EP1443534A1] A supporting structure (2) contains a contact-carrier shaft (4) pivotable between an opening position and a closing position of the contacts and means (5') for operating the contact-carrier shaft. These means comprise an operating handle (7), a control shaft (6) operated by the handle (7), coupling means (10, 16) between the control shaft (6) and the contact-carrier shaft (4) and a snap organ (17, 20, 21, 23) to apply an elastic force to the contact-carrier shaft for both opening and closing. To make it possible for the switch to be opened by remote control, the snap organ comprises a sliding plate (20), a compression spring (21), a torsion spring (17) with one end constrained to the coupling means (10, 16) and the other end constrained to the plate (20), an arrester device (23) to maintain the plate (20) in a predetermined position and tripping means to release the arrester device, dragging means capable of acting on the contact-carrier shaft (4) in the opening direction of the contacts and loading means capable of displacing the plate (20) in the direction that loads the compression spring until it reaches the predetermined position. <IMAGE>

IPC 8 full level
H01H 5/16 (2006.01); **H01H 21/40** (2006.01)

CPC (source: EP)
H01H 5/16 (2013.01); **H01H 21/40** (2013.01)

Cited by
US8357867B2; US8357868B2; US8383973B2

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DOCDB simple family (publication)
EP 1443534 A1 20040804; EP 1443534 B1 20100804; AT E476749 T1 20100815; DE 602004028424 D1 20100916; ES 2350313 T3 20110121; IT RM20030037 A0 20030129; IT RM20030037 A1 20040730

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