Title (en)

ELECTRICAL SWITCH HAVING LATCHING SURFACES THAT CAN BE PIVOTED UNDER THE INFLUENCE OF ELECTRODYNAMIC FORCE

Title (de)

ELEKTRISCHER SCHALTER MIT VERKLINKUNGSFLÄCHEN, DIE UNTER EINFLUSS DER ELEKTRODYNAMISCHEN KRAFT VERSCHWENKBAR SIND

Title (fr)

COMMUTATEUR ELECTRIQUE DOTE DE SURFACES D'ENCLIQUETAGE DEPLACEES SOUS L'INFLUENCE D'UNE FORCE ELECTRODYNAMIQUE

Publication

EP 1665317 A1 20060607 (DE)

Application

EP 04762758 A 20040901

Priority

- DE 2004001975 W 20040901
- DE 10344318 A 20030919

Abstract (en)

[origin: DE10344318B3] The switch locking mechanism (17) incorporates return springs (41) and a stop (24). The stop and a carrier lever (35) may bear against the convex end faces (27,28) of a lever acting as a pawl (23). The return springs are held in a swiveling carrier lever (38) and press against the carrier lever to move the switch contacts towards their open position.

IPC 1-7

H01H 77/10

IPC 8 full level

H01H 77/10 (2006.01); H01H 71/50 (2006.01)

CPC (source: EP)

H01H 77/10 (2013.01); H01H 71/505 (2013.01); H01H 2071/507 (2013.01)

Citation (search report)

See references of WO 2005029526A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 10344318 B3 20040701; DE 502004008425 D1 20081218; EP 1665317 A1 20060607; EP 1665317 B1 20081105; WO 2005029526 A1 20050331

DOCDB simple family (application)

DE 10344318 A 20030919; DE 2004001975 W 20040901; DE 502004008425 T 20040901; EP 04762758 A 20040901