

Title (en)

Mechanical snap-fast multi-contact switch

Title (de)

Mechanischer schnappschneller Mehrkontaktschalter

Title (fr)

Commutateur mécanique multi-contacts à enclenchement rapide

Publication

EP 2498269 B1 20151007 (EN)

Application

EP 12157941 A 20120302

Priority

IT TO20110206 A 20110308

Abstract (en)

[origin: EP2498269A1] A snap-fast switch, comprising a push-button 2 adapted to rotate about a fulcrum "##", a housing structure 3, at least one rod 4 constrained to one end of the push-button 2 and countered by an elastic means 41. The switch comprises an actuating mechanism comprising a first oscillating snap means 61, alternatively acting upon one contact (5A, 5B) of at least one module "M", and a second oscillating snap means 62, which is acted upon by said rod 4. Said second snap means 62 acts upon the first snap means 61 and causes it to switch, so that means 61 acts upon the opposite contact (5A or 5B). The switch comprises an interlock means adapted to lock the first snap means 61 at the end-of-travel points, and a release element adapted to disengage first snap means 61 when push-button 2 reaches a predetermined angle of inclination "±".

IPC 8 full level

H01H 23/20 (2006.01)

CPC (source: EP)

H01H 23/205 (2013.01); **H01H 2021/225** (2013.01); **H01H 2300/024** (2013.01)

Cited by

FR3104753A1; FR3139661A1; EP2743953A1; CN105659346A; EP3062326A4; WO2024056277A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2498269 A1 20120912; EP 2498269 B1 20151007; BR 102012005115 A2 20140121; CN 102683083 A 20120919; CN 102683083 B 20151118; IT TO20110206 A1 20120909

DOCDB simple family (application)

EP 12157941 A 20120302; BR 102012005115 A 20120307; CN 201210060394 A 20120308; IT TO20110206 A 20110308