

Title (en)
SWITCH-OPERATING DEVICE

Publication
EP 0066181 B1 19870429 (DE)

Application
EP 82104349 A 19820518

Priority
SE 8103407 A 19810529

Abstract (en)
[origin: EP0066181A2] 1. Operating mechanism for a switch, comprising a stand or a housing in which, to operate a movable contact, a contact carrier (18) is displaceably arranged between two end positions under the effect of the force of at least one main spring (1) provided with a straining device (4, 5), the main spring (1) being loaded during the first part of the operation movement and then almost instantaneously moving the contact from the on-position to the off-position or vice versa, characterized in that said main spring (1; 21) consists of a plane spring cut out from a sheet, that said straining device consists of two rotatably journaled straining arms (4, 5; 22, 23), each of which being hinged to one of the two ends of the main spring (1, 21), and that the main spring is arranged in such a way in relation to the straining arms that the straining forces and the bending of the main spring caused thereby, lie in the plane of the sheet during the operation movement.

IPC 1-7
H01H 5/04

IPC 8 full level
H01H 5/04 (2006.01)

CPC (source: EP)
H01H 5/04 (2013.01)

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0066181 A2 19821208; EP 0066181 A3 19850403; EP 0066181 B1 19870429; AU 550905 B2 19860410; AU 8419982 A 19821202; DE 3276204 D1 19870604; DK 154374 B 19881107; DK 154374 C 19890410; DK 240782 A 19821130; FI 76447 B 19880630; FI 76447 C 19881010; FI 821866 A0 19820526; NO 158558 B 19880620; NO 158558 C 19880928; NO 821774 L 19821130; SE 444487 B 19860414; SE 8103407 L 19821130

DOCDB simple family (application)
EP 82104349 A 19820518; AU 8419982 A 19820526; DE 3276204 T 19820518; DK 240782 A 19820527; FI 821866 A 19820526; NO 821774 A 19820527; SE 8103407 A 19810529