

Title (en)
OPERATING DEVICE FOR A SWITCH, PARTICULARLY ON A PORTABLE MACHINE TOOL

Publication
EP 0212231 B1 19911121 (DE)

Application
EP 86109575 A 19860712

Priority
DE 3528741 A 19850810

Abstract (en)
[origin: EP0212231A2] An operating device is proposed for a switch, particularly on a portable machine tool, which permits handling without fatigue, as a so-called dead man's switch. In the switched-on position of an operating device (8), a supporting wall (18) of this operating device (8) is supported on an oblique ramp (17). Perpendicular to the direction of action of the return spring (4), the operating end thus has to absorb only the resulting component of the force of this return spring (4) by reduced friction losses on the ramp (17). The ramp (17) and the latching opening (14) on the guide (1) for the operating device (8) and the supporting wall (18), and the frangible latching tab (15) on the operating device (8) allow a double use without costly storage requirements. With the latching tab (15), the operating device is one which tips into a latched position in the direction of the switching-on movement, in which latched position it is held until it is randomly released by the return spring (4). After the prepared breaking-off of the latching tab (15), the operating device is one which can be held in the switched-on position with a small retention force and nevertheless returns immediately into the switched-off position when the retention force is absent. <IMAGE>

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H01H 9/06

IPC 8 full level
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EP 0212231 A2 19870304; EP 0212231 A3 19881123; EP 0212231 B1 19911121; DE 3528741 A1 19870212; DE 3682548 D1 19920102; US 4973807 A 19901127

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