

Title (en)
Key-operated switch

Title (de)
Schlüsselschalter

Title (fr)
Interrupteur à clef

Publication
EP 0671753 B1 19971119 (DE)

Application
EP 95100061 A 19950103

Priority
• DE 4407678 A 19940308
• DE 9403877 U 19940308

Abstract (en)
[origin: EP0671753A1] The switch has a housing (11) with an open back (14) closed by a removable cover (15), and a base (16) on which a switch (17) is arranged. A cylinder lock (12) extends through an opening (20) in the cover (15) and is connected to the cover (15). The key hole (18) of the lock (12) is accessible from the front (21) of the cover (15). The lock (12) has an actuating bit (13) fixedly connected to the rotatable key barrel (22). This cooperates with a counter-piece (23) of the switch (17) such that the switch (17) is actuated when the barrel (22) is rotated. A securing plate (24) is provided in the housing (11) between the cover (15) and the switch (17). This has a profiled opening (25) for the back of the lock (12). The fastening elements (26) are in such a position that the bit (13) passes through the opening (25) and engages with the counter actuator (23). The profile of the opening (25) is such that the bit engages behind large areas of the securing plate (24) in the key withdrawing position of the lock (12) such that the lock (12) cannot be withdrawn from the front even when the cover (15) is removed. The securing plate (24) can be guided from the open side (14) of the housing (11) to projections (41,41') inside the housing. It can then be locked against removal and the locked position can be fixed by the fasteners (12,26,28,47,52).

IPC 1-7
H01H 27/06

IPC 8 full level
H01H 27/06 (2006.01)

CPC (source: EP)
H01H 27/06 (2013.01); **H01H 2027/066** (2013.01)

Cited by
EP2442337A1; EP3680927A1

Designated contracting state (EPC)
AT BE DE ES FR GB IT LU NL

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EP 0671753 A1 19950913; EP 0671753 B1 19971119; DE 4407678 A1 19950914; DE 4407678 C2 20030227; DE 9403877 U1 19940804

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EP 95100061 A 19950103; DE 4407678 A 19940308; DE 9403877 U 19940308