

Title (en)
CONTROL KEY WITH CONSTRUCTION BY WAY OF DISC ELEMENTS

Publication
EP 0226733 A3 19880921 (DE)

Application
EP 86113854 A 19861007

Priority
DE 3539178 A 19851105

Abstract (en)
[origin: US4748306A] A control button unit with a block element design includes an actuator (1) having a manually operable plunger (6), which is preferably cylindrical and hollow for the purpose of interior illumination, and a coupling piece (9) having several plug-in locations for receiving electrical block elements (10 and 12) parallel and next to one another. The block elements may include a pair of switching elements (10, 12) with differing contact arrangements and a lighting element (11) to illuminate the interior of the plunger. The block elements have movable members (15, 19) contained therein so that they can be coupled to one another and moved in unison when the plunger is actuated. To provide such coupling the movable members (15, 19) have recesses and/or projections which cooperate to interlock the movable member of different block elements. One of the block elements, particularly the lighting element (11), may include a mechanism (16) for the high and low locking of the respective movable member (15), so that each switching element (10, 12) can be coupled selectively to it for operation either by touch engagement to provide a momentary switch or by locking engagement to provide a push-on, push-off switch.

IPC 1-7
H01H 13/02; **H01H 13/50**

IPC 8 full level
H01H 13/02 (2006.01); **H01H 13/50** (2006.01); **H01H 13/56** (2006.01)

CPC (source: EP US)
H01H 13/02 (2013.01 - EP US); **H01H 13/503** (2013.01 - EP US); **H01H 13/56** (2013.01 - EP US); **H01H 13/023** (2013.01 - EP US)

Citation (search report)
• [Y] DE 3014639 A1 19801023 - IDEC IZUMI CORP
• [Y] US 2918554 A 19591222 - BRAUNECK CHARLES F
• [A] DE 2801074 A1 19780713 - SCHWEITZER AG H E

Designated contracting state (EPC)
DE FR IT SE

DOCDB simple family (publication)
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