

Title (en)
COMMAND-SWITCH

Publication
EP 0412374 A3 19920729 (DE)

Application
EP 90114489 A 19900727

Priority
DE 8909565 U 19890809

Abstract (en)
[origin: EP0412374A2] In the known command switch having a key rose (1), next to a switching insert (3), which can be rotated to actuate it from an "off" position to an "on" position and which can be pulled off in the "off" position, is a further switching insert which is closed or opened when a key is introduced, with the result that the introduced position of the key can be indicated. The key has to be withdrawn here, to ensure that the switching action of the switching insert and therefore the indication are initiated. In this embodiment, the actuation of the further switching insert takes place via an extension plunger located on the bottom of the cylinder in the key rose (1), that is to say the switching insert is actuated only in the fully introduced position. The command switch is to be improved to the effect that an actuation of the additional switching insert (2) is associated with the key (6) introduced in any position, that is to say self-retained. This is achieved in that the key rose (1) has, in the region of the introduction orifice (4) for the key (6), an actuating element (5) for the second switching insert and the introduction orifice (4) is so designed that the key (6) is retained in the key rose (1), without external assistance, only in a position having a minimum depth of introduction, in which an actuation of the further switching insert is guaranteed. <IMAGE>

IPC 1-7
H01H 27/06

IPC 8 full level
B60R 25/02 (2006.01); **H01H 13/18** (2006.01); **H01H 27/00** (2006.01); **H01H 27/06** (2006.01)

CPC (source: EP)
H01H 27/06 (2013.01)

Citation (search report)
• [A] DE 6608401 U 19710805 - GUENTER TIBBE [DE]
• [A] FR 1298935 A 19620720 - ACEC [BE]
• [A] DE 1951160 A1 19710121 - JUY LUCIEN CHARLES HIPPOLYTE
• [AP] SIEMENS ENERGY & AUTOMATION. Bd. 10 Sup. 2/3, Juli 1990, BERLIN DE Seite 36; KLING, A. : '3SB1 Safety Lock Actuator with Key Monitoring'

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DE102005020123B3; CN104821252A; US7351924B2

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
DE 8909565 U1 19891012; DE 59001850 D1 19930729; EP 0412374 A2 19910213; EP 0412374 A3 19920729; EP 0412374 B1 19930623; FI 903373 A0 19900704; FI 96250 B 19960215; FI 96250 C 19960527; JP H0377223 A 19910402

DOCDB simple family (application)
DE 8909565 U 19890809; DE 59001850 T 19900727; EP 90114489 A 19900727; FI 903373 A 19900704; JP 20795390 A 19900806