

Title (en)
KEY SWITCH

Publication
EP 0029489 B1 19840516 (DE)

Application
EP 80105558 A 19800916

Priority
• DE 2947147 A 19791122
• DE 7933006 U 19791122

Abstract (en)
[origin: EP0029489A2] 1. Push-button having a key shaft (32 ; 85), which is guided in a frame (31), which is biased in the inoperative position against its axial acutation direction and which in its operational position actuates at least one resilient contact assembly (39), and also having a switch latch (60 ; 100), which retains the key shaft (32 ; 85) in the operational position and which releases it in the event of repeated acutation and which comprises a switching gate (65) having a cardioid curve (66 ; 84) and a curve-following member which is guided in the latter, wherein the switching gate (65) and the curve-following member may be disengaged from each other in a release direction, which is substantially perpendicular to the actuation direction of the key shaft (32 ; 85) and the plane of the cardioid curve (66 ; 84), in order to release the retaining action of the switch latch (60, 100) in an externally controlled manner irrespective of the key actuation, characterizd in that the switching gate (65) or the curve-following member is mounted on a rocker (70 ; 75) which is pivoted on the frame (31) and in that the rocker (70 ; 75) is biased in the inoperative position towards the frame (31) and may be swung horizontally against the bias through mechanical external control in the release direction.

IPC 1-7
H01H 9/16; H01H 13/50

IPC 8 full level
H01H 9/16 (2006.01); **H01H 9/18** (2006.01); **H01H 13/56** (2006.01); **H01H 13/62** (2006.01)

CPC (source: EP)
H01H 9/16 (2013.01); **H01H 9/18** (2013.01); **H01H 13/56** (2013.01); **H01H 13/568** (2013.01); **H01H 13/62** (2013.01)

Citation (examination)
• DE 1415591 B2 19730315
• DE 2846198 A1 19790426 - INT STANDARD ELECTRIC CORP
• DE 2653470 A1 19780601 - WESTDEUTSCHER RUNDFUNK
• DE 1064562 B 19590903 - TESLA NP

Cited by
EP0039402A3; FR2729786A1

Designated contracting state (EPC)
AT CH FR LI NL SE

DOCDB simple family (publication)
EP 0029489 A2 19810603; EP 0029489 A3 19820310; EP 0029489 B1 19840516; DE 2947147 A1 19810527; DE 2947147 C2 19820624; DE 7933006 U1 19800911

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