

Title (en)
STEP SWITCHING MECHANISM

Publication
EP 0006967 B1 19820127 (DE)

Application
EP 79100792 A 19790315

Priority
• CH 292278 A 19780317
• CH 1147678 A 19781108

Abstract (en)
[origin: US4257283A] Within a housing of a multi-position switch there is arranged a forwardly and backwardly indexible stepping mechanism comprising two actuation elements which can be individually brought into engagement with a pinion of a character support or carrier by accomplishing a linear working movement. Each actuation element comprises a push-button, a switching or indexing element and a preferably hairpin-shaped spring element, or is operatively connected with a coil spring mounted in the housing. By means of each push-button the related actuation element is moved in a first direction, whereby its switching element, guided by a first pin along a cam or equivalent structure, is deflected, and a second pin comes into engagement with the pinion, so that this pinion, which is rotatably mounted upon a shaft, can be moved in a predetermined direction against the restoring force of a latching spring engaging into a tooth gap of the pinion by means of a latching cam or nose. The return of such actuation element, after completion of the indexing step, is accomplished by the restoring force of the related spring element.

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H01H 13/68; **H01H 19/00**

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP0167990A3; EP0100245A1; FR2531261A1; EP0340447A1; US4939325A

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