

Title (en)
Driving mechanism for switches.

Title (de)
Schalter-Antriebsvorrichtung.

Title (fr)
Dispositif d'entraînement pour interrupteurs.

Publication
EP 0003352 A1 19790808 (DE)

Application
EP 79100204 A 19790124

Priority
DE 2803787 A 19780128

Abstract (en)
1. A switch driving system having a driving part and a driven part, with two rocking levers (7, 8) whose turnpins (6) are in a single plane and are parallel to each other and there levers (7, 8) are joined together, at a point spaced from their turnpin (6), by at least one spring (14, 14') in each case which is able to be cocked, and with a locking unit, which has two locking levers (16, 23), placed in the plane of the rocking levers (7, 8), such locking levers locking in turn the rocking lever (8) transmitting the energy of the closed spring (14, 23) to the switch till the other rocking lever (7) on being turned as is necessary for cocking the spring (14, 23) in relation to the first-named rocking lever (8) has been moved into a starting position, characterized in that the one rocking lever (7) takes the form of the driving part, while the other rocking lever (8) takes the form of the driven part and in that the locking levers (16, 23) are designed sticking out into the path of turning of the driving part and are moved by the same out of their locking position into the unlocked position.

Abstract (de)
Eine Schalter-Antriebsvorrichtung weist ein von wenigstens einer spannbaren Feder (14) antreibbares Abtriebsglied (8), ein Antriebsglied (7) zum Spannen der Feder und eine Sperrvorrichtung (16, 23) für das Abtriebsglied auf. Sowohl das Antriebsglied (8) als auch das Antriebsglied (7) sind als Schwenkhebel ausgebildet, deren Schwenkachsen (6) in derselben Ebene liegen. Die Schwenkhebel sind im Abstand von ihrer Schwenkachse durch die spannbare Feder (14) miteinander gekuppelt, und die Sperrvorrichtung ist durch wenigstens ein bewegbares Sperrglied (16) gebildet, das in die Schwenkbahn des Abtriebshebels (8) ragt und am Ende des Spannvorgangs mittels des Antriebshebels (7) aus der Sperrstellung bewegbar ist.

IPC 1-7
H01H 3/30; H01H 33/40

IPC 8 full level
H01H 3/30 (2006.01); **H01H 33/40** (2006.01)

CPC (source: EP)
H01H 3/30 (2013.01); **H01H 33/40** (2013.01)

Citation (search report)
• AT 277368 B 19691229 - CONCORDIA MASCH & ELEKT [DE]
• DE 1049956 C
• CH 427961 A 19670115 - SACHSENWERK LICHT & KRAFT AG [DE]
• CH 444943 A 19671015 - CONTINENTAL ELEKTRO IND AG [DE]
• DE 2158978 A1 19730530 - CALOR EMAG ELEKTRIZITAETS AG
• DE 1665584 A1 19710318 - SIEMENS AG

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