

Title (en)
A SWITCHING SYSTEM

Title (de)
SCHALTSYSTEM

Title (fr)
SYSTÈME DE COMMUTATION

Publication
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Application
EP 20194853 A 20200907

Priority
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Abstract (en)
The invention relates to a switching system (1) comprising a low, medium or high voltage switch and a charging device, comprising:- a main spring (10) of the switch;- a spring support (20) of the switch;- a main shaft (30) of the switch; and- a motor (40) of the charging device;wherein, a first end (11) of the main spring is connected to the spring support;wherein, a second end (12) of the main spring is connected to the main shaft;wherein, the spring support is configured to rotate about an axis of the main shaft;wherein, at least part of a circumference of the spring support comprises a thread (22);wherein, the motor comprises a worm thread configured to engage with the thread of the spring support;wherein, the motor is configured to rotate the worm thread, and wherein rotation of the worm thread is configured to rotate the spring support to store energy in the main spring;wherein, the motor is configured not to rotate the worm thread when the energy stored in the main spring has reached a threshold level; andwherein, energy release from the main spring is configured to rotate the main shaft.

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- [XAY] JP S5794123 U 19820610
- [YA] DE 499839 C 19300617 - ASEA AB
- [XAY] CH 220843 A 19420430 - OERLIKON MASCHF [CH]
- [A] CH 682431 A5 19930915 - SPRECHER ENERGIE AG

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