

Title (en)

ELECTRIC SUPPLY CIRCUIT, SWITCH ACTUATING DEVICE AND METHOD FOR OPERATING SAID SWITCH ACTUATING DEVICE

Title (de)

ELEKTRISCHE VERSORGUNGSSCHALTUNG, SCHALTERBETÄTIGUNGSVORRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER SCHALTERBETÄTIGUNGSVORRICHTUNG

Title (fr)

CIRCUIT D'ALIMENTATION ELECTRIQUE, DISPOSITIF D'ACTIONNEMENT DE COMMUTATEUR ET PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF D'ACTIONNEMENT DE COMMUTATEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006097412A1] The invention relates to an electric supply circuit for a switch actuating device comprising an actuator (12), an electromagnetic drive (14) for displacing the actuator (12) from a first switching position to a second switching position, a mechanical return device (26, 26') for returning the actuator (12) from the second switching position to the first switching position, a magnetic fixing unit (30) for fixing the actuator (12) in the second switching position and an electromagnetic releasing device (18) for releasing said fixation. The electric supply device comprises a first capacitor (10) electrically connectable to the electromagnetic drive (14) and used for supplying electric power thereto and a second capacitor (16) which is electrically connectable to the releasing device (18) and supplies electric power thereto for releasing the fixation. An electric switchable connection between the first (10) and second (16) capacitors is also provided.

IPC 8 full level

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