Title (en)

ELECTRONIC CIRCUIT FOR SAFELY CLOSING A MOTOR-DRIVEN DOOR OF A RAIL VEHICLE

Title (de)

ELEKTRONISCHE SCHALTUNG ZUR SICHEREN SCHLIEßUNG EINER MOTORISCH ANGETRIEBENEN TÜR EINES SCHIENENFAHRZEUGS

Title (fr)

CIRCUIT ÉLECTRONIQUE DE FERMETURE SÉCURISÉE D'UNE PORTE MOTORISÉE DE VÉHICULE FERROVIAIRE

Publication

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Application

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Abstract (en)

[origin: WO2015177295A1] The invention relates to an electronic circuit (1,1a..1i) for a motor-driven door (5) of a rail vehicle (10), said electronic circuit having a series circuit of a first non-linear element (D1) and a first controllable switch (S1, T1) between the motor terminals (A1, A2). The first non-linear element (D1) is poled such that the resistance thereof to a current generated by the drive motor (M) during a closing movement of the door (5) is greater than during an opening movement. If a supply voltage (U1) for the door (5) is present, the resistance of the first switch (S1, T1) is effected relative to the resistance when said supply voltage is absent. The invention further relates to a door module (3) for a rail vehicle (10) having such an electronic circuit (1, 1a..1i), to a rail vehicle (10) for such a door module (3), and to a use of the electronic circuit (1, 1a..1i).

IPC 8 full level

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