

Title (en)

ELECTRICAL SWITCHING DEVICE AND VEHICLE COMPRISING SUCH A DEVICE

Title (de)

ELEKTRISCHE SCHALTVORRICHTUNG UND FAHRZEUG MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF DE COMMUTATION ÉLECTRIQUE ET VÉHICULE COMPRENANT UN TEL DISPOSITIF

Publication

EP 4026153 A1 20220713 (FR)

Application

EP 20761610 A 20200901

Priority

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Abstract (en)

[origin: WO2021043741A1] The invention relates to an electrical switching device, in particular for a railway vehicle, comprising a first electrical contact, a second electrical contact which is movable relative to the first contact, an actuator and a control module (40) suitable for controlling a movement of the second contact by the actuator between a first position in which the first and second contacts are electrically connected to each other and a second position in which the first and second contacts are electrically disconnected from each other. The switching device further comprises a thermoelectric module (45) and a heat sink (50), the thermoelectric module (45) being interposed between the heat sink (50) and the control module (40) and being configured to generate a heat flow (F), preferably using the Peltier effect, from the control module (40) to the heat sink (50).

IPC 8 full level

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CPC (source: EP)

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