

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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- EP 2020074291 W 20200901

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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