

Title (en)
DEVICE FOR CONTROLLING THE TEMPERATURE IN AN ENCLOSURE

Title (de)
VORRICHTUNG ZUR TEMPERATURREGELUNG IN EINEM GEHÄUSE

Title (fr)
DISPOSITIF POUR LA REGULATION DE LA TEMPERATURE DANS UNE ENCEINTE

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Application
EP 19762318 A 20190620

Priority
• BE 201805424 A 20180620
• EP 2019066332 W 20190620

Abstract (en)
[origin: WO2019243490A1] The invention relates to a device (1) capable of being connected to an enclosure (2), the device comprising a first portion (3) which includes a thermoelectric module (4), the module being configured to maintain the temperature inside the enclosure (2) at a set value, and wherein the device comprises a stabilising portion above the thermoelectric module (4), comprising a motorised valve (20) that operates in accordance with the temperature differential created by the thermoelectric module (4) and in accordance with the temperature outside the device so as to maintain a stable temperature differential, regardless of said temperature outside the device. A third portion of the device arranged above the stabilisation portion may comprise a heat sink (46) and one or more additional thermoelectric modules (45) configured to recover a portion of the thermal energy removed from the enclosure (2) in the event that the enclosure is refrigerated relative to a higher temperature.

IPC 8 full level
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