

Title (en)

REFRIGERATION DEVICE WITH A NOISE SENSOR

Title (de)

KÄLTEGERÄT MIT EINEM GERÄUSCHSENSOR

Title (fr)

APPAREIL FRIGORIFIQUE COMPORTANT UN CAPTEUR DE BRUIT

Publication

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Application

EP 17791029 A 20171020

Priority

- DE 102016221616 A 20161104
- EP 2017076817 W 20171020

Abstract (en)

[origin: WO2018082937A1] The present invention relates to a refrigeration device (100) comprising an electrical device part (107-1, 107-2) which emits noise during operation, a noise sensor (109-1, 109-2) for detecting an intensity of the emitted noise from the electrical device part (107-1, 107-2), and a controller (111) for operating the electrical device part (107-1, 107-2) in a normal operating power range (131). The controller (111) is designed to change an operating power of the electrical device part (107-1, 107-2) within the normal operating power range (131) and to determine a minimum value of the noise intensity which is detected by the noise sensor (109-1, 109-2) and to determine a noise-reduced operating power (139) in order to operate the electrical device part (107-1, 107-2) at the noise-reduced operating power (139).

IPC 8 full level

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CPC (source: EP US)

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