

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 4148356 A4 20240522 (EN)

Application
EP 21800170 A 20210421

Priority

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- KR 2021005057 W 20210421

Abstract (en)
[origin: EP4148356A1] The present disclosure relates to a refrigerator. The refrigerator according to one embodiment of the present disclosure comprises: an evaporator; a defrosting heater; a temperature sensor; and a controller to control the defrosting heater. The controller is configured to: in response to a defrosting operation starting time arriving, perform a defrosting operation mode including a pre-defrosting cooling mode, a heater operation mode and a post-defrosting cooling mode; perform a continuous operation mode, in which the defrosting heater is continuously on; and when a temperature change rate sequentially increases, decreases and increases again, perform a pulse operation mode, in which the defrosting heater is repeatedly turned on and off. Accordingly, defrosting efficiency may be improved, and power consumption may be reduced.

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Citation (search report)

- [X] JP H05215460 A 19930824 - SANYO ELECTRIC CO
- [A] JP 2012167896 A 20120906 - TOSHIBA CORP, et al
- See also references of WO 2021225309A1

Designated contracting state (EPC)
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