

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 4148355 A4 20240501 (EN)

Application
EP 21799931 A 20210421

Priority

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Abstract (en)
[origin: EP4148355A1] The present disclosure relates to a refrigerator. The refrigerator according to an embodiment of the present disclosure comprises: an evaporator; a defrost heater; a temperature sensor to sense ambient temperature around the evaporator; and a controller to control the defrost heater, wherein the controller is configured to: perform a defrost operation mode in a case of reaching a defrosting operation start time point; perform, based on the defrost operation mode, a continuous operation mode in which the defrost heater is continuously turned on, and a pulse operation mode in which the defrost heater is repeatedly turned on and off; and perform the continuous operation mode again after performing the pulse operation mode. Accordingly, defrosting efficiency may be improved, and power consumption may be reduced.

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Citation (search report)

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- [X1] JP 2012167896 A 20120906 - TOSHIBA CORP, et al
- [X1] EP 2520880 A1 20121107 - PANASONIC HEALTHCARE CO LTD [JP]
- [A] KR 20100032532 A 20100326 - LG ELECTRONICS INC [KR]
- [A] KR 20040057156 A 20040702 - LG ELECTRONICS INC
- See also references of WO 2021225308A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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