

Title (en)

REFRIGERATOR AND PARTITION CONTROL METHOD

Title (de)

KÜHLSCHRANK UND TRENNWANDSTEUERUNGSVERFAHREN

Title (fr)

RÉFRIGÉRATEUR ET PROCÉDÉ DE COMMANDE DE DISTRIBUTION

Publication

EP 3441700 B1 20220518 (EN)

Application

EP 16901038 A 20161230

Priority

- CN 201610302349 A 20160506
- CN 2016113926 W 20161230

Abstract (en)

[origin: EP3441700A1] A refrigerator and a partition control method for compartments of the same are provided. The refrigerator comprises a door (2) for opening or closing compartments, an air sending device (4) for distributing cooling air from the cooling source to different positions in the compartment, and a camera device (3) for shooting the inside of the compartment, a control unit for electrically connecting the air sending device (4) and the camera device (3). The partition control method comprises: S1, acquiring an opening/closing state of the door (2); S2, after receiving the opening/closing information of the door (2), the control unit driving the camera device (3) to obtain the storage state image of the inside of the compartment after the door (2) closes; S3, retrieving the storage state image of the inside of the compartment this time before the door (2) opens, and comparing the same with the state image after the door (2) closes; S4, if items increases in the compartment, enlarging or opening cooling air supply to the corresponding area by means of the air sending device (4), and if items decreases in the compartment, reducing or stopping cooling air supply to the corresponding area.

IPC 8 full level

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CPC (source: CN EP)

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Citation (examination)

- EP 2878904 A1 20150603 - PANASONIC IP MAN CO LTD [JP]
- JP 2014209048 A 20141106 - PANASONIC CORP
- DE 212014000095 U1 20151030 - PANASONIC IP MAN CO LTD [JP]

Designated contracting state (EPC)

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