

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
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Application
EP 13842845 A 20130830

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Abstract (en)
[origin: EP2902735A1] In order to use a vacuum insulating material as a heat-insulating material for the door of a refrigerator, and to provide a handle part for the door, it is necessary to form a recessed section in the front panel of the door. The presence of such a recessed section prevents bonding the vacuum insulating material to the front panel of the door. Therefore, in a refrigerator, using a vacuum insulating material, having a recessed section in the front panel of the door, a thin door is obtained that also improves heat-insulating performance. A refrigerator pertaining to an embodiment has: a vacuum-insulating material (21), a recessed section (29) composing the handle part (17) of a door (7), and a molded heat-insulating material (23). The vacuum-insulating material is arranged contacting the back-face side of the front panel (25) composing the door. The recessed section is provided in a different position from the position in which the front panel vacuum-insulating material is arranged. The molded heat-insulating material is arranged on the back-face side of a portion corresponding to the position of the recessed section of the front panel.

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Citation (search report)
• [X] WO 2011058678 A1 20110519 - TOSHIBA KK [JP], et al
• [E] EP 2801774 A1 20141112 - LG HAUSYS LTD [KR]
• See references of WO 2014049969A1

Designated contracting state (EPC)
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