

Title (en)  
DOOR FOR REFRIGERATOR

Title (de)  
KÜHLSCHRANKTÜR

Title (fr)  
PORTE POUR REFRIGERATEUR

Publication  
**EP 1872070 A4 20150805 (EN)**

Application  
**EP 06757442 A 20060413**

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- KR 20050032913 A 20050420
- KR 20050036855 A 20050502
- KR 20050036856 A 20050502
- KR 20050037619 A 20050504
- KR 20050047439 A 20050602

Abstract (en)

[origin: WO2006112633A1] The present invention relates to a door for a refrigerator. The door for a refrigerator of the present invention comprises a front panel 20 which defines a front surface of the door; first and second side decoration bars 30 and 40 which extend along both side edges of the front panel 20 to define side surfaces of the door, respectively; top and bottom decoration caps 24 and 26 which extend along upper and lower edges of the front panel 20 and are fastened to ends of the side decoration bars 30 and 40 to define top and bottom surfaces of the door, respectively; a panel supporting bar 37 which is installed on each of the side decoration bars 30 and 40 and provided with a supporting portion 39 for supporting each side edge on a rear surface of the front panel 20; and a door liner 22 which is installed opposite to the front panel 20 to define a rear surface of the door. A foam insulating layer is formed within an internal space such that the front panel 20, the decoration caps 24 and 26, the side decoration bars 30 and 40, the panel supporting bar 37 and the door liner 22. According to the door for a refrigerator of the present invention so configured, there are advantages in that the number of parts can be minimized and thus the manufacturing costs can be reduced while an external appearance of the door is decorated at a satisfactory level, and the total weight of the door can be minimized to simplify an installation structure. In particular, since components defining the external appearance of the door can be integrally formed with one another, an assembling structure can be simplified.

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Citation (search report)

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- [Y] GB 2107775 A 19830505 - MILLER PHILIP NEIL
- [A] DE 1184061 B 19641223 - GARTNER & CO J
- See references of WO 2006112633A1

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CN109556344A

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DE GB IT

DOCDB simple family (publication)  
**WO 2006112633 A1 20061026**; AU 2006237838 A1 20061026; AU 2006237838 B2 20110721; EP 1872070 A1 20080102; EP 1872070 A4 20150805; EP 1872070 B1 20170308; MX PA06014549 A 20070323; US 2008042537 A1 20080221

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