

Title (en)
Door for refrigerator and refrigerator

Title (de)
Kühlschranktür und Kühlschrank

Title (fr)
Porte de réfrigérateur et réfrigérateur

Publication
EP 2843329 A3 20151111 (EN)

Application
EP 14181010 A 20140814

Priority
CN 201310386139 A 20130829

Abstract (en)
[origin: EP2843329A2] The present invention relates to a door for a refrigerator and a refrigerator. The door includes a door body (2) and a decorative panel (3) located in front of the door body (2). The door body includes: a door plate (21), the door plate (21) being made of a sheet metal and including a front plate (211) and a pair of side plates (212) that are bent and extend backwards separately from a corresponding longitudinal side of the front plate; a door liner (22) being spaced apart from the front plate, and connected to the side plates; and an upper end cover (23) and a lower end cover (24). According to the present invention, each of the upper end cover and the lower end cover includes a front connecting flange (231, 241) extending vertically and slots (232, 242) located at two ends thereof, an upper edge portion and a lower edge portion of the front plate are propped on the front connecting flange of the upper end cover and the front connecting flange of the lower end cover respectively, and an upper edge portion and a lower edge portion of each side plate are inserted into corresponding slots; and the decorative panel is adhered to the door body through a first adhering apparatus (6).

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CPC (source: CN EP)
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Citation (search report)

- [Y] US 2004194253 A1 20041007 - JUNG JAE-WOOK [KR]
- [Y] US 2008252186 A1 20081016 - CROMPTON EDWARD [US], et al
- [Y] JP H0250068 A 19900220 - HITACHI LTD
- [YD] WO 2009080494 A1 20090702 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] WO 2011026817 A2 20110310 - ARCELIK AS [TR], et al
- [A] JP 2003014369 A 20030115 - TOSHIBA CORP
- [A] DE 102011005738 A1 20120920 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
CN114076482A; CN106679298A; CN113124625A; CN113494818A; EP4215853A3; US10859253B2; US11320192B2; AU2022206717B2; US11402147B2; US11768027B2; US11287174B2; US11815304B2; US11280540B2; US11280542B2; US11313612B2; US11428457B2; US11940203B2; US11287175B2; US11293687B2; US11333426B2; US11333427B2; US11340007B2; US11397043B2; US11480384B2; US11867450B2

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