

Title (en)
REFRIGERATOR DOOR WITH REPLACEABLE DOOR FACE

Title (de)
KÜHLSCHRANKTÜR MIT AUSTAUSCHBARER TÜRFLÄCHE

Title (fr)
PORTE DE RÉFRIGÉRATEUR À FACE DE PORTE REMPLAÇABLE

Publication
EP 4174415 A4 20231122 (EN)

Application
EP 21832063 A 20210618

Priority
• CN 202010623572 A 20200630
• CN 2021100873 W 20210618

Abstract (en)
[origin: EP4174415A1] The present invention provides a refrigerator door with a replaceable door panel, comprising: a foamed door body, and a door panel matching the foamed door body and detachably connected with the foamed door body; wherein an upper end portion of the door panel extends towards a rear surface thereof to form an upper trim strip, and an upper end portion of the foamed door body and the door panel are detachably snap-fitted with each other through the upper trim strip. The present invention makes the replacement of the door panel become simple and reliable, and saves the replacement cost.

IPC 8 full level
F25D 23/02 (2006.01)

CPC (source: CN EP US)
F25D 11/00 (2013.01 - CN); **F25D 23/02** (2013.01 - CN EP); **F25D 23/028** (2013.01 - CN US); **F25D 2201/12** (2013.01 - EP); **F25D 2400/18** (2013.01 - EP)

Citation (search report)
• [XY] US 2019221144 A1 20190718 - ARTWOHL PAUL J [US], et al
• [Y] CN 104279821 A 20150114 - HEFEI MIDEA REFRIGERATOR CO
• [Y] CN 207936603 U 20181002 - HEFEI MIDEA REFRIGERATOR CO, et al
• [Y] CN 204830658 U 20151202 - QINGDAO HAIER CO LTD
• See references of WO 2022001692A1

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

DOCDB simple family (publication)
EP 4174415 A1 20230503; EP 4174415 A4 20231122; CN 113865182 A 20211231; CN 113865182 B 20230203; US 2023258385 A1 20230817; WO 2022001692 A1 20220106

DOCDB simple family (application)
EP 21832063 A 20210618; CN 202010623572 A 20200630; CN 2021100873 W 20210618; US 202118013243 A 20210618