

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 4273478 A1 20231108 (EN)

Application
EP 21914637 A 20211230

Priority
• CN 202110002178 A 20210104
• CN 202120011871 U 20210104
• CN 2021143127 W 20211230

Abstract (en)
The present invention provides a refrigerator, comprising: a cabinet body defining a refrigeration compartment; a door body movably connected to the cabinet body and configured to open and close the refrigeration compartment, the door body comprising a door shell and a door liner combined with the door shell; a refrigeration system configured to provide cold energy for the refrigeration compartment; and an ice-making chamber arranged in the door body and having an ice-making assembly arranged therein, the ice-making chamber and the refrigeration compartment being heat-insulated when the door body is closed. The door body is provided with a first drainage pipeline; the cabinet body is provided with a second drainage pipeline; an inlet end of the first drainage pipeline is connected to the ice-making chamber; the door liner is provided with a first connector; an outlet end of the first drainage pipeline is connected to the first connector; the refrigeration compartment is provided with a second connector; an inlet end of the second drainage pipeline is connected to the second connector; when the door body is closed, the first connector is connected to the second connector, and the outlet end of the first drainage pipeline is communicated with the inlet end of the second drainage pipeline; and when the door body is opened, the first connector is separated from the second connector, and drainage in the first drainage pipeline is stored in the first connector.

IPC 8 full level
F25D 21/14 (2006.01)

CPC (source: EP)
F25D 21/08 (2013.01); **F25D 21/14** (2013.01); **F25D 23/04** (2013.01); **F25C 2400/10** (2013.01); **F25D 2321/146** (2013.01)

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4273478 A1 20231108; **EP 4273478 A4 20240529**; WO 2022143906 A1 20220707

DOCDB simple family (application)
EP 21914637 A 20211230; CN 2021143127 W 20211230