

Title (en)
REFRIGERATOR HAVING ICE MAKING FUNCTION

Title (de)
KÜHLSCHRANK MIT EISERZEUGUNGSFUNKTION

Title (fr)
RÉFRIGÉRATEUR PRÉSENTANT UNE FONCTION DE FABRICATION DE GLACE

Publication
EP 3745062 B1 20240417 (EN)

Application
EP 18901444 A 20180821

Priority
• CN 201810061286 A 20180122
• CN 2018101553 W 20180821

Abstract (en)
[origin: EP3745062A1] A refrigerator having an ice making function, comprising a refrigerator door (1); an inner surface (11) of the refrigerator door (1) is fixedly provided thereon with a mounting support (2), and the mounting support (2) is configured to mount an ice making assembly (3). The mounting support (2) comprises a first surface (21) that faces the refrigerator door (1) and a second surface (22) that is opposite to the first surface (21); the second surface (22) comprises a mounting area (221) used for mounting the ice making assembly (3) as well as an edge area (222) provided at the periphery of the mounting area (221). A wiring groove (211) is formed at the edge area (222) of the mounting support (2), and the wiring groove (211) is recessed in the direction from the first surface (21) toward the second surface (22); and/or the wiring groove (211) is formed at a position corresponding to the edge of the mounting support (2) on the inner surface (11) of the refrigerator door (1), and the wiring groove (211) is recessed in the direction from the inner surface (11) of the refrigerator door (1) toward an outer surface of the refrigerator door (1). Thus, the ice making assembly (3) is disposed closer to the refrigerator door (1), further reducing the space which the ice making assembly (3) occupies as the interior of the refrigerator.

IPC 8 full level
F25D 23/12 (2006.01); **F25C 1/00** (2006.01); **F25D 23/02** (2006.01); **F25D 23/06** (2006.01)

CPC (source: CN EP)
F25C 1/00 (2013.01 - CN); **F25D 11/00** (2013.01 - CN); **F25D 23/028** (2013.01 - EP); **F25D 23/12** (2013.01 - CN); **F25C 5/22** (2018.01 - EP); **F25C 2400/10** (2013.01 - EP); **F25D 23/066** (2013.01 - EP); **F25D 23/067** (2013.01 - EP); **F25D 2400/40** (2013.01 - EP)

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 3745062 A1 20201202; **EP 3745062 A4 20211013**; **EP 3745062 B1 20240417**; CN 108050757 A 20180518; WO 2019140903 A1 20190725

DOCDB simple family (application)
EP 18901444 A 20180821; CN 201810061286 A 20180122; CN 2018101553 W 20180821