

Title (en)
Barrier structure and refrigeration appliance equipped with the barrier structure

Title (de)
Sperrstruktur und Kühlanwendung mit der Sperrstruktur

Title (fr)
Structure de barrière et appareil de réfrigération équipé de la structure de barrière

Publication
EP 2426447 A3 20170412 (EN)

Application
EP 11178957 A 20110826

Priority
CN 201010274794 A 20100830

Abstract (en)
[origin: EP2426447A2] A barrier structure (2) and a refrigeration appliance equipped with the barrier structure are disclosed. The barrier structure comprises: a seat (21) adapted to be mounted to the bottom of a cabinet of the refrigeration appliance, the seat having a bottom surface and a mounting surface adjoining the bottom surface, with an edge portion of the bottom surface which adjoining the mounting surface being provided with at least one first retention portion; and a barrier plate member (22) having a barrier plate body (220) and a side flap (221) connected to the barrier plate body, the side flap being provided with a second retention portion for engaging with the first retention portion on the bottom surface of the seat. The barrier structure of the present invention provides advantages such as high structural strength, precise positioning and firm assembling.

IPC 8 full level
F25D 23/00 (2006.01)

CPC (source: EP)
F25D 23/00 (2013.01); **F25D 2400/18** (2013.01)

Citation (search report)

- [X] US 2005218764 A1 20051006 - HONG DAE J [KR], et al
- [X] US 3912349 A 19751014 - HOETKER JAMES J
- [A] US 4932224 A 19900612 - KATTERHENRY GLENN E [US], et al

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

DOCDB simple family (publication)
EP 2426447 A2 20120307; EP 2426447 A3 20170412; CN 102384628 A 20120321; CN 102384628 B 20160309

DOCDB simple family (application)
EP 11178957 A 20110826; CN 201010274794 A 20100830