

Title (en)

Refrigerated cabinet with an apparatus for keeping the door ajar

Title (de)

Kühlmöbel mit Vorrichtung zum Anlehnen einer Tür

Title (fr)

Meuble frigorifique avec appareil pour tenir une porte entrouverte

Publication

EP 1684039 A3 20070704 (EN)

Application

EP 05112152 A 20051214

Priority

IT PN20050001 U 20050120

Abstract (en)

[origin: EP1684039A2] Refrigerated cabinet comprising a compartment (2) for the storage of products to be preserved, a door (3) hinged on to the cabinet and adapted to move into contact with a frame (4) of said cabinet to close in an air-tight manner the storage compartment (2), retaining means adapted to hold the door (3) in the closed position thereof, and at least an apparatus (5) to keep the door (3) ajar so as to facilitate aeration of the storage compartment (2) during the periods in which the refrigerator is not in use. The apparatus (5) comprises an arm (6) that is coupled in a movable manner to an accommodating structure (7), which is adapted to support the arm (6) in an operative position and in a non-operative position thereof, said structure (7) being associated to said door (3) or said frame (4), and said arm (6) being capable of being selectively guided into said operative position and said non-operative position thereof; in said operative position thereof, said arm (6) protrudes from said door (3), or said frame (4), so as to abut against said door (3) or said frame (4) of the storage compartment (2), thereby preventing the door (3) from coming into contact with the abutting frame so as to keep the door (3) ajar; in the non-operative state thereof, said arm (6) is on the contrary fully contained within said accommodating structure (7), thereby enabling the door (3) to fully move into closing the storage compartment in an air-tight manner.

IPC 8 full level

F25D 23/02 (2006.01); **E05C 17/02** (2006.01)

CPC (source: EP)

F25D 23/028 (2013.01)

Citation (search report)

- [X] FR 2834050 A1 20030627 - CARRE FRANCOIS JEAN HENRI [FR], et al
- [X] US 2300303 A 19421027
- [DA] US 3636727 A 19720125 - NAUGHTON JAMES GORDON
- [A] US 5916353 A 19990629 - BENNETT PERRY A [US], et al
- [A] US 6510587 B2 20030128 - URSCHER NED R [US], et al

Cited by

EP4368925A1; US10368892B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1684039 A2 20060726; EP 1684039 A3 20070704; EP 1684039 B1 20170322; IT PN20050001 U1 20060721

DOCDB simple family (application)

EP 05112152 A 20051214; IT PN20050001 U 20050120