

Title (en)

Hinge unit for refrigerator cabinet doors

Title (de)

Scharniereinheit für Kühlschranktüren

Title (fr)

Unité de charnière pour portes d'armoire de réfrigérateur

Publication

EP 2574869 A1 20130403 (EN)

Application

EP 12177557 A 20120724

Priority

IT RE20110074 A 20110929

Abstract (en)

A hinge unit (50) for refrigerator cabinet doors comprising: - a first support element (51) substantially plate-like fixable to the refrigerator cabinet (10), - a second support element (54), substantially plate-like and fixable to the panel (30) for closing an access gap (12) of the refrigerator cabinet (10), hinged to the first support element (51) with hinging axis (X) orthogonal to the laying plane of the first support element (51), so as to rotate said panel with respect to the refrigerator cabinet (10) between a position for closing and a position for opening the access gap (12). The distinctive characteristic of the invention lies in the fact that the hinging axis (X) is arranged at at least one edge of the second support element (54).

IPC 8 full level

F25D 23/02 (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] US 3510986 A 19700512 - BERKOWITZ IRVING L
- [A] US 2005188506 A1 20050901 - LEE SEUNG-RYONG [KR], et al
- [A] US 2008168618 A1 20080717 - HOTTMANN PHILIP F [US]
- [A] US 2005273974 A1 20051215 - HAN JAE M [KR]
- [A] WO 2006025663 A1 20060309 - I ONE INNOTECH CO LTD [KR], et al
- [A] US 5158503 A 19921027 - MITCHELL TERRY L [US]

Cited by

CN112096200A; EP2908073A1

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

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BA ME

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