

Title (en)

Refrigerated cabinet and a sliding door assembly for a refrigerated cabinet

Title (de)

Kühlmöbel sowie Schiebetüranordnung für ein Kühlmöbel

Title (fr)

Meuble de refroidissement et agencement de porte coulissante pour un meuble de refroidissement

Publication

EP 2656752 B1 20151014 (DE)

Application

EP 13165722 A 20130429

Priority

DE 102012103746 A 20120427

Abstract (en)

[origin: EP2656752A1] The door assembly has carriage (5) that is connected to door element (2) by connecting elements (6) such that door element is moved between open and close positions by guide section. A pair of support rollers (8) is arranged on bearing surface (9) to downwardly support the carriage. A pair of guide rollers (11) is arranged on bearing surface and is provided with guiding surface to prevent the lifting of door element. The rotation axes of support rollers or guide rollers are inclined relative to the horizontal plane. An independent claim is included for a household refrigerator.

IPC 8 full level

A47F 3/12 (2006.01); **E05D 15/06** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP)

A47F 3/125 (2013.01); **E05D 15/0639** (2013.01); **E05D 15/0673** (2013.01); **E05F 1/046** (2013.01); **F25D 23/021** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2201/69** (2013.01); **E05Y 2201/692** (2013.01); **E05Y 2600/10** (2013.01); **E05Y 2800/27** (2013.01); **E05Y 2900/102** (2013.01); **E05Y 2900/31** (2013.01)

Citation (examination)

- WO 2004104342 A1 20041202 - DORMA GMBH & CO KG [DE], et al
- WO 2005088047 A1 20050922 - HPJ HOLDINGS LTD [NZ], et al

Cited by

CN107503610A; US2015247349A1; EP3933156A1; WO2016189339A1

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 2656752 A1 20131030; EP 2656752 B1 20151014; DE 102012103746 A1 20131031

DOCDB simple family (application)

EP 13165722 A 20130429; DE 102012103746 A 20120427