

Title (en)

Refrigeration appliance having door hinge assembly

Title (de)

Kältegerät mit Türscharnieranordnung

Title (fr)

Appareil de réfrigération ayant un ensemble de charnière de porte

Publication

**EP 2735828 A1 20140528 (EN)**

Application

**EP 13192476 A 20131112**

Priority

CN 201210486612 A 20121121

Abstract (en)

Disclosed is a refrigeration appliance. The refrigeration appliance includes a main body, a door, and a hinge assembly connected to the door and the main body such that the door is rotatable around a rotation axis. The hinge assembly includes an adjusting part (3) for adjusting the height of the door relative to the main body, where the adjusting part (3) has a first thread portion (31) and an end wall (36) at least substantially parallel to a horizontal plane; a second thread portion (41), where when the adjusting part (3) rotates around the rotation axis, one of the first thread portion (31) and the second thread portion (41) is capable of moving along the other one of the first thread portion (31) and the second thread portion (41) in a vertical direction; and a horizontal wall (23), where one of the horizontal wall and the end wall (36) at least partially sits on the other one of the horizontal wall and the end wall. One of the end wall and the horizontal wall has at least one concave portion (25), the other one of the end wall and the horizontal wall has at least one convex portion (35), and each convex portion (35) is capable of selectively entering into or moving out of the at least one concave portion.

IPC 8 full level

**F25D 23/02** (2006.01)

CPC (source: EP)

**F25D 23/028** (2013.01); **E05D 7/0027** (2013.01); **E05D 7/08** (2013.01); **E05Y 2900/31** (2013.01); **F25D 2323/024** (2013.01)

Citation (applicant)

CN 102365515 A 20120229 - ELECTROLUX HOME PROD INC

Citation (search report)

- [X] US 2005262663 A1 20051201 - LEE CHANG-LIM [KR]
- [X] WO 2009131295 A2 20091029 - LG ELECTRONICS INC [KR], et al
- [A] US 2011140585 A1 20110616 - LEE MOONSEOK [KR], et al

Cited by

US2014306595A1; US9291385B2; US2021238900A1; US11578519B2; DE102015201439A1; WO2018127163A1

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 2735828 A1 20140528**; CN 103836874 A 20140604; CN 103836874 B 20190426

DOCDB simple family (application)

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