

Title (en)
REFRIGERATOR WITH HINGE ASSEMBLY

Title (de)
KÜHLSCHRANK MIT SCHARNIERANORDNUNG

Title (fr)
RÉFRIGÉRATEUR AVEC ENSEMBLE CHARNIÈRE

Publication
EP 3741942 A1 20201125 (EN)

Application
EP 20173597 A 20200507

Priority
US 201916416437 A 20190520

Abstract (en)
A flush-mount refrigerator (10) includes a cabinet (12) defining a compartment (14) and including a pair of side walls (36) that extends forwardly of the compartment (14). A pair of doors (16) is coupled to the cabinet (12) and positioned on either side of a centerline of the cabinet (12). The pair of doors (16) are spaced apart by a predetermined spacing. A storage feature is positioned within the compartment (14) of the cabinet (12) and movable between an extended position and a recessed position when one or both of the pair of doors (16) is in an open position. A hinge assembly (18) is coupled to the cabinet (12) and to one of the pair of doors (16). The hinge assembly (18) includes a six-link mechanism that keeps the door (16) within a predefined distance (150) of at least one side wall (36) when the door (16) is moved from a closed position to the open position.

IPC 8 full level
E05D 3/16 (2006.01)

CPC (source: EP)
E05D 3/06 (2013.01); **E05D 3/16** (2013.01); **E05D 11/06** (2013.01); **E05D 5/128** (2013.01); **E05D 2003/166** (2013.01); **E05Y 2900/31** (2013.01)

Citation (search report)

- [X] WO 2018075094 A1 20180426 - WHIRLPOOL CO [US]
- [IP] WO 2019245548 A1 20191226 - WHIRLPOOL CO [US]
- [X] EP 2959083 A1 20151230 - ARCELIK AS [TR]

Cited by
CN115111862A; CN114812081A

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

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