

Title (en)
HOUSEHOLD APPLIANCE AND GUIDE RAIL ASSEMBLY

Title (de)
HAUSHALTSGERÄT UND FÜHRUNGSSCHIENENANORDNUNG

Title (fr)
APPAREIL DOMESTIQUE ET ENSEMBLE RAIL DE GUIDAGE

Publication
EP 3901545 A1 20211027 (EN)

Application
EP 21164909 A 20210325

Priority
CN 202010320139 A 20200422

Abstract (en)
Embodiments of this application provide a household appliance and a guide rail assembly. The household appliance includes a storage compartment, a container, and a pair of guide rail assemblies. The storage compartment has a front opening and a pair of side walls; the container includes an accommodating cavity and a cover used for closing an upwardly open access opening of the accommodating cavity, where the cover may slide from front to back to expose the access opening; the pair of guide rail assemblies respectively include a first rail and a second rail, where the second rail is adapted to slide relative to the first rail; and the guide rail assembly includes a locking mechanism. When the container is pulled out and reaches a predetermined position, the locking mechanism locks the first rail and the second rail to prevent the container from moving backward driven by the cover pushed backward.

IPC 8 full level
A47B 88/53 (2017.01); **A47L 15/00** (2006.01); **F25D 25/02** (2006.01)

CPC (source: CN EP US)
A47B 88/427 (2016.12 - US); **A47B 88/43** (2016.12 - US); **A47B 88/483** (2016.12 - US); **A47B 88/53** (2016.12 - EP); **A47L 15/00** (2013.01 - CN); **A47L 15/42** (2013.01 - CN); **F25D 25/025** (2013.01 - CN EP); **A47B 2088/4235** (2016.12 - US); **A47B 2088/4278** (2016.12 - US); **A47B 2210/08** (2013.01 - EP); **A47B 2210/175** (2013.01 - EP); **A47L 15/507** (2013.01 - EP); **F25D 23/067** (2013.01 - EP)

Citation (search report)
• [XYI] JP 2013119020 A 20130617 - MURAKOSHI MFG CORP
• [X] JP 2003009970 A 20030114 - CLEANUP CORP
• [XY] CN 110720766 A 20200124 - WUXI HAIDAR PREC SLIDES CO LTD
• [A] EP 3620736 A1 20200311 - BSH HAUSGERAETE GMBH [DE]

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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