

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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**EP 3901545 A1 20211027**; CN 113532014 A 20211022; US 2021330080 A1 20211028

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