

Title (en)

Telescopic rail system for a domestic appliance

Title (de)

Auszugsschienensystem für ein Haushaltsgerät

Title (fr)

Système de rails télescopiques pour un appareil ménager

Publication

EP 2469182 A3 20171213 (DE)

Application

EP 11194413 A 20111220

Priority

DE 102010064083 A 20101223

Abstract (en)

[origin: EP2469182A2] The rail system (1) has a rail element (3) which is displaced relative to a rail element (2) in longitudinal direction, and a latching element (5) arranged at rail element (2). The main and auxiliary counter-locking elements (16) are arranged at rail element (3), corresponding to latching element. The latching regions (11,12) of latching element are engaged with respective counter-locking elements in a fully inserted position and fully extended position of rail element (3) respectively, where releasable latching connection between the rail elements is made.

IPC 8 full level

F24C 15/16 (2006.01)

CPC (source: EP)

A47B 88/493 (2016.12); **F24C 15/168** (2013.01)

Citation (search report)

- [XAI] WO 2010060724 A1 20100603 - HETTICH PAUL GMBH & CO KG [DE], et al
- [X] FR 2608905 A1 19880701 - SIGNAUX ENTR ELECTRIQUES [FR]
- [X] US 5484197 A 19960116 - HANSEN CARL E [US], et al
- [X] WO 2010102949 A1 20100916 - HETTICH PAUL GMBH & CO KG [DE], et al
- [X] DE 8714720 U1 19871217
- [X] EP 1502521 A1 20050202 - ACCURIDE INT GMBH [DE]
- [A] US 2002084735 A1 20020704 - LIANG HSIU-CHIANG [TW], et al

Cited by

DE102014214169A1; EP3127453A1; WO2013057001A1; US10876737B2; US11668471B2

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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