

Title (en)

APPARATUS FOR ADJUSTING THE HEIGHT OF A COUNTER WHICH IS GUIDED IN A HOUSEHOLD DEVICE BY WAY OF AT LEAST ONE PULL-OUT GUIDE

Title (de)

VORRICHTUNG ZUR HÖHENVERSTELLUNG EINER IN EINEM HAUSHALTSGERÄT ÜBER MINDESTENS EINE AUSZUGSFÜHRUNG GEFÜHRTEN ABLAGE

Title (fr)

DISPOSITIF DE RÉGLAGE EN HAUTEUR D'UN SUPPORT GUIDÉ SUR AU MOINS UNE GLISSIÈRE D'EXTRACTION DANS UN APPAREIL ÉLECTROMÉNAGER

Publication

EP 2424421 B1 20151007 (DE)

Application

EP 10714881 A 20100416

Priority

- EP 2010055036 W 20100416
- DE 202009004771 U 20090430

Abstract (en)

[origin: WO2010124947A2] An apparatus for adjusting the height of a counter (18) which is guided in a household device by way of at least one pull-out guide (20, 20'), comprising at least one sliding rail (3, 3') on which a counter (18) can be guided and pulled off in a pull-out direction A, a height adjustment mechanism (1) which can be fixed to opposing side walls (21, 27) of the household device, wherein the height adjustment mechanism (1) has two arms (5, 6) which are rotatably fixed to each of the side walls (21, 27) with a first end parallel to the plane of the side walls (21, 27) and which are disposed parallel to and at a distance from each other, wherein two guide rails (2) can be fixed at respective second ends of the arms (5, 6) in a rotatable manner parallel to the plane of the side walls (21, 27) such that the guide rails (2) can be raised from a lower position in the household device into an upper position at least partially in front of the household device, wherein an energy storage device (8) can be fixed to at least one of the opposing side walls (21, 27) of the household device, which is operatively connected to one of the arms (6) fixed to said side wall (21, 27) such that a raising or lowering of the guide rails (2) can be supported by the energy stored in the energy storage device (8).

IPC 8 full level

A47L 15/50 (2006.01)

CPC (source: EP US)

A47B 46/005 (2013.01 - EP US); **A47L 15/506** (2013.01 - EP US); **A47L 15/507** (2013.01 - EP US); **F24C 15/168** (2013.01 - EP US)

Cited by

CN107296582A; US10655905B2; US10677514B2; USD839321S; US10551071B2; US10473383B2; WO2015091646A1; US10823480B2; US11650000B2; US10281197B2; US10808944B2; US11796184B2; US10704825B2; US11598577B2; USD883348S; US10690400B2; USD926235S; US11371771B2; US10371436B2; US11073329B2

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