

Title (en)

Adjustable system for counterbalancing hingers with horizontal articulation axis for household electric appliances

Title (de)

Regelbares System für ausbalanzierte Scharniere mit horizontaler Drehachse für Haushaltgeräte

Title (fr)

Système réglable pour charnières équilibrées avec axe de pivotement horizontal pour appareils électrodomestiques

Publication

EP 0692598 A1 19960117 (EN)

Application

EP 95830274 A 19950630

Priority

IT BO940333 A 19940715

Abstract (en)

An adjustable system for counterbalancing hinges includes a first member (101) and a second member (102), pivotally connected to each other, a mechanism (104,105,106) including a member (106) movable in accordance with the hinge opening angle, an extendible member (22) including a helical spring (23) subjected to compressive stress, the extendible member being connected with the movable member (106), a cable (24) having an end fastened to the end of the extendible member (22) opposite to the one connected with the movable member (106) while the other end of the cable is fixed to the first member (101), and adjusting means (31,32) acting on the cable (24) and aimed at changing the compressive stress on the spring (23). <MATH>

IPC 1-7

E05F 1/12

IPC 8 full level

A47L 15/42 (2006.01); **E05F 1/12** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)

A47L 15/4261 (2013.01); **E05F 1/1261** (2013.01); **F24C 15/023** (2013.01); **E05Y 2900/304** (2013.01); **E05Y 2900/308** (2013.01)

Citation (applicant)

IT 1235584 A

Citation (search report)

- [Y] EP 0437815 A1 19910724 - V ZUG AG [CH]
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