

Title (en)

Hinge for lids of electric household appliances

Title (de)

Scharnier für Abdeckplatten von elektrischen Haushaltsgeräten

Title (fr)

Charnière pour panneaux de couverture d'appareils électroménagers

Publication

**EP 1239225 A2 20020911 (EN)**

Application

**EP 02003190 A 20020218**

Priority

IT PD20010043 A 20010227

Abstract (en)

A right or left hinge for lids for electric household appliances, having a structure of the type that comprises a supporting head (10) provided with a partially threaded pivot (11) inserted in a helical spring (20) which acts by torsion and whose ends (21,22) are rigidly coupled respectively to the head (10) and to an adjustment nut (25) screwed onto the pivot thread (12), a lock nut (26), being further screwed onto the pivot thread (12), to lock the adjustment nut (25). The helical spring (20) is rigidly coupled, with its end (21) that lies opposite with respect to the adjustment nut (25), to a cam element (14) through which the pivot (11) passes, and a rod (16) cooperating with the cam element (14) is provided to convert rotary motion into axial translational motion, the rod (16) being perpendicular to the pivot axis and being pushed by a compression spring (27) arranged between the rod (16) and a portion of the head (10). <IMAGE>

IPC 1-7

**F24C 15/02**; E05F 1/12

IPC 8 full level

**E05F 1/12** (2006.01); **F24C 15/02** (2006.01); E05F 5/08 (2006.01)

CPC (source: EP)

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Citation (applicant)

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