

Title (en)

Hinge for mobile elements or furniture wings with mechanism to adjust height

Title (de)

Scharnier für bewegliche Elemente oder Möbelflügel mit einer Vorrichtung zur Höhenverstellung

Title (fr)

Charnière pour éléments mobiles ou battants de meuble avec un mécanisme de réglage de la hauteur

Publication

EP 1452679 A2 20040901 (EN)

Application

EP 04100794 A 20040301

Priority

IT UD20030046 A 20030228

Abstract (en)

Hinge (10) for articulating a mobile structure (11) with respect to a fixed frame (22) comprises two hinge elements (12, 15) to be fixed together to the mobile structure (11), or to the fixed frame (22), and a central hinge element (13) disposed between the two hinge elements (12, 15) and to be fixed to the fixed frame (22) or, respectively, to the mobile structure (11). A pivot (16) is axially inserted in the three hinge elements (12, 13, 15) and an intermediate threaded bushing (17) is axially disposed between the central hinge element (13) and one of the two hinge elements (12, 15). The threaded bushing (17) is provided with first coupling means (35a) coupled, without reciprocal rotation, with second coupling means (31) provided on the pivot (16), so that the rotation of the latter commands the axial movement of the two hinge elements (12, 15) with respect to the central hinge element (13). <IMAGE>

IPC 1-7

E05D 7/00

IPC 8 full level

E05D 7/00 (2006.01)

CPC (source: EP)

E05D 7/0027 (2013.01); **E05D 5/02** (2013.01); **E05D 2003/025** (2013.01); **E05Y 2900/20** (2013.01)

Cited by

DE102008049740A1; DE102010046741B3; EP2434079A3; DE102008049740B4; WO2007003251A1; WO2018077676A1; EP2735679A2; EP2434079A2

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