

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 A3 20050817 (EN)**

Application

**EP 04100794 A 20040301**

Priority

IT UD20030046 A 20030228

Abstract (en)

[origin: EP1452679A2] 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)

Citation (search report)

- [XY] EP 1149975 A2 20011031 - NIEMANN HANS DIETER [DE]
- [X] DE 2356166 A1 19750515 - DISPUT JUERGEN
- [Y] BE 887822 A 19810701 - PFAEFFLI WALTER
- [Y] CH 665675 A5 19880531 - PFAEFFLI WALTER

Cited by

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1452679 A2 20040901**; **EP 1452679 A3 20050817**; **EP 1452679 B1 20071128**; DE 602004010320 D1 20080110; DE 602004010320 T2 20081016; DE 602004010320 T8 20090813; IL 160598 A0 20040725; IL 160598 A 20110831; IT UD20030046 A1 20040901; PL 1452679 T3 20080430

DOCDB simple family (application)

**EP 04100794 A 20040301**; DE 602004010320 T 20040301; IL 16059804 A 20040226; IT UD20030046 A 20030228; PL 04100794 T 20040301