

Title (en)

LEVELLING DEVICE, PARTICULARLY FOR FURNITURE

Title (de)

NIVELLIERVORRICHTUNG, INSBESONDERE FÜR MÖBEL

Title (fr)

DISPOSITIF DE NIVELLEMENT, NOTAMMENT POUR DES MEUBLES

Publication

EP 2962601 A1 20160106 (EN)

Application

EP 15174225 A 20150629

Priority

IT PD20140175 A 20140703

Abstract (en)

A levelling device (100) for furniture comprising: a levelling element (1) having a supporting base (2) and a body (3) extending perpendicularly from the base in the direction of a longitudinal axis (X) to determine a height (L) of the body (3); said body (3) being internally hollow and at least partly threaded to form a receiving seat (30); an outer shell (4) intended to be attached to the structure of an item of furniture and forming a housing seat (40) for housing the body (3) with the ability to slide along the longitudinal axis (X); a threaded pin (5) which can be rotatably inserted into the receiving seat (30), said threaded pin (5) being translationally fixed to the shell (4) by means of holding elements (15, 16) in such a way that rotation of the threaded pin (5) in the body (3) causes relative translational movement between the body (3) and the shell (4), characterised in that the body (3) comprises at least one threaded portion (20a) extending over a longitudinal section (L1) of the height (L) of the body (3) which is less than the overall height (L) of the same and is intended to be coupled to an external thread (6a) on the threaded pin (5) and at least one opening (21a) facing said threaded portion (20a), extending over a longitudinal section (L2) which is not less than the longitudinal section (L1) and is defined by the part of the at least one threaded portion (20a) opposite thereto with respect to a longitudinal plane (XY) passing through the longitudinal axis (X) of the body (3).

IPC 8 full level

A47B 91/02 (2006.01)

CPC (source: EP)

A47B 91/026 (2013.01)

Citation (applicant)

- WO 2009056935 A1 20090507 - LEONARDO SRL [IT], et al
- EP 1832201 A1 20070912 - RIOJA CALVO MIGUEL ANGEL [ES]

Citation (search report)

- [A] WO 2009056935 A1 20090507 - LEONARDO SRL [IT], et al
- [A] EP 1302132 A2 20030416 - SCHWINN GMBH [DE]

Cited by

CN110693200A; IT202100015689A1; US10900706B2; WO2022263941A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)

EP 15174225 A 20150629; DK 15174225 T 20150629; ES 15174225 T 20150629