

Title (en)
PIVOT FITTING FOR PIECES OF FURNITURE FOR SITTING AND/OR LYING ON

Title (de)
SCHWENKBESCHLAG FÜR SITZ- UND/ODER LIEGEMÖBEL

Title (fr)
FERRURE PIVOTANTE POUR MEUBLE DE TYPE SIÈGE ET/OU MEUBLES DE REPOS

Publication
EP 2994015 B1 20160928 (DE)

Application
EP 14720982 A 20140505

Priority
• DE 102013104692 A 20130507
• EP 2014059056 W 20140505

Abstract (en)
[origin: CA2911564A1] The invention illustrates and describes a pivot fitting (1, 1'), in particular for pieces of furniture for sitting and/or lying on, having a stop lever (2), a ratchet lever (3, 3'), a blocking device (5) and at least one toothed ring (4), wherein the stop lever (2) and the ratchet lever (3, 3') can be pivoted in relation to one another in an adjustment direction (E) and in a reset direction (R), wherein the stop lever (2) and the toothed ring (4) are coupled to one another such that pivoting of the stop lever (2) and ratchet lever (3,3') in the adjustment direction is accompanied by pivoting and/or rotation of the toothed ring (4) in relation to the blocking device (5). In order to be able to combine precise adjustability with a high level of stability and therefore a long service life, it is provided that the blocking device (5) has at least two catches (7, 7', 7'', 7'''), that, in an adjustment position of the pivot fitting (1, 1'), the pivoting action of the stop lever (2) and ratchet lever (3, 3') in the reset direction is countered by form-fitting engagement of at least one catch (7, 7', 7'', 7''') in the toothed ring (4), and that in certain settings, preferably adjustment positions, of the pivot fitting (1, 1') the at least two catches (7, 7', 7'', 7''') engage in the toothed ring (4) to different extents in each case.

IPC 8 full level
A47C 1/026 (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP US)
A47C 1/026 (2013.01 - EP US); **E05D 11/1007** (2013.01 - US); **E05D 11/1028** (2013.01 - EP US); **E05D 11/105** (2013.01 - US); **E05D 2011/1035** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Cited by
RU2762656C2

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

DOCDB simple family (publication)
DE 102013104692 A1 20141113; **DE 102013104692 B4 20141231**; CA 2911564 A1 20141113; CA 2911564 C 20171107;
EP 2994015 A1 20160316; EP 2994015 B1 20160928; PL 2994015 T3 20170831; US 2016153223 A1 20160602; US 9683397 B2 20170620;
WO 2014180764 A1 20141113

DOCDB simple family (application)
DE 102013104692 A 20130507; CA 2911564 A 20140505; EP 14720982 A 20140505; EP 2014059056 W 20140505; PL 14720982 T 20140505;
US 201414889067 A 20140505