

Title (en)
Lid-positioning device

Title (de)
Deckelsteller

Title (fr)
Compas pour porte

Publication
EP 1625270 B1 20061011 (DE)

Application
EP 04726857 A 20040410

Priority
• EP 2004003835 W 20040410
• DE 10323698 A 20030522

Abstract (en)
[origin: US7798541B2] A lid stay, for furniture, including a first arm (1) and a second arm (2) which are connected to each other so as to be pivotable about a swivel pin (3) between an open position and a closed position; a convex positioning contour (4) that is disposed on the first arm (1), extends around a central axis (5) located parallel to the swivel pin (3), and has the shape of a circular arc when viewed from a cross-section running perpendicular to the central axis (5); a positioning slide (8) which is movably guided along a positioning axis (9) by means of the first arm (1), is provided with a flat support area (12) facing the positioning contour (4), and is spring-biased in the direction of the positioning contour (4); and a sliding block (13), a concave first sliding surface (14) of which slidably leans on the positioning contour (4), while a flat second sliding surface (15) thereof slidably leans on the support area (12). The first sliding surface (14) extends around the central axis (5) in the shape of a circular arc and has the same curvature as the positioning contour (4).

IPC 8 full level
E05C 17/34 (2006.01)

CPC (source: EP US)
E05C 17/345 (2013.01 - EP US); **E05F 1/1058** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US); **Y10S 292/19** (2013.01 - EP US); **Y10T 292/28** (2015.04 - EP US); **Y10T 292/282** (2015.04 - EP US)

Cited by
US10487554B2; WO2016077851A1

Designated contracting state (EPC)
ES FR GB IT SE TR

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WO 2004104339 A1 20041202; AT E342418 T1 20061115; CA 2517153 A1 20041202; DE 10323698 B3 20050210; EP 1625270 A1 20060215; EP 1625270 B1 20061011; ES 2273247 T3 20070501; JP 2006519959 A 20060831; JP 4210686 B2 20090121; US 2006279092 A1 20061214; US 7798541 B2 20100921

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