

Title (en)

Controlled closure system for sliding furniture elements

Title (de)

Kontrolliertes Schließsystem für gleitende Möbelemente

Title (fr)

Système de fermeture contrôlée pour des éléments de mobilier coulissants

Publication

EP 2060720 A3 20120530 (EN)

Application

EP 08168879 A 20081112

Priority

IT MI20072168 A 20071114

Abstract (en)

[origin: EP2060720A2] A controlled closure system for a sliding element of a piece of furniture, comprises an elongated body (15) provided in which is a rectilinear groove (20) passing through the body and extended axially in the closure direction. An engagement element (16) slides along the groove (20) to move from a first idle position to a second closure position through the action of a spring (29). The engagement element (16) comprises abutment surfaces to delimit, between them, a seat (44) intended to accommodate a drawing projection (17) integral with the sliding element. Suitable sliding surfaces between the engagement element (16) and the groove cause the rotation of the engagement element (16) when it is in the idle position in such a manner to lower the front abutment surface (48) towards a groove and allow the passage of the drawing projection (17) towards the closure until it pushes against the rear abutment surface and rotate the engagement element to raise the front abutment surface and draw the projection (17) towards the closed position of the sliding element of a piece of furniture.

IPC 8 full level

E05F 5/02 (2006.01); **E05F 1/08** (2006.01); **E05F 5/00** (2006.01)

CPC (source: EP US)

E05F 5/003 (2013.01 - EP US); **E05F 1/16** (2013.01 - EP US); **E05Y 2201/412** (2013.01 - EP US); **E05Y 2600/45** (2013.01 - EP US); **E05Y 2800/24** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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