

Title (en)
SYSTEM FOR SELECTIVELY SLIDING AND ROTATING A DOOR AND PIECE OF FURNITURE PROVIDED WITH SUCH A SYSTEM

Title (de)
SYSTEM ZUM SELEKTIVEN SCHIEBEN UND DREHEN EINER TÜR UND MÖBEL MIT EINEM SOLCHEN SYSTEM

Title (fr)
SYSTÈME DE DÉPLACEMENT ET DE ROTATION SÉLECTIF D'UNE PORTE ET PIÈCE DE MEUBLE FOURNI D'UN TEL SYSTÈME

Publication
EP 3150788 A1 20170405 (EN)

Application
EP 16188925 A 20160915

Priority
IT UB20154078 A 20151002

Abstract (en)
The present invention relates to a system for selectively sliding and rotating a leaf (2, 2') of a piece of piece of furniture (1, 1'), said system comprising: at least one first carriage (4) configured to translate along a predetermined first direction with respect to said piece of piece of furniture (1, 1'); a second carriage (21) configured to translate along a predetermined second direction which is parallel to said predetermined first direction; at least one hinge member (8) coupled with said at least one first carriage (4) and configured to be connected with said leaf (2, 2'), such that said leaf (2, 2') is rotatable around a predetermined axis (V); at least one rotation locking/releasing device (9) to selectively allow said leaf (2, 2') to rotate around said predetermined axis (V), said at least one rotation locking/releasing device (9) being connected with said at least one first carriage (4) and is capable of taking a coupling position, wherein said at least one rotation locking/releasing device (9) is coupled, in use, with said leaf (2, 2') arranged according to a predetermined angular position with respect to said predetermined axis (V), and an uncoupling position, wherein said at least one rotation locking/release device (9) is uncoupled, in use, with said leaf (2, 2'); at least one activating member (29) for activating said at least one rotation locking/release device (9), said at least one activating member (29) being fixable to said piece of piece of furniture (1, 1'); at least one translation locking/release device (30) to selectively allow said at least one first carriage (4) to translate along said predetermined first direction; wherein said at least one activating member (29) is configured such that, when said at least one first carriage (4) is arranged, in use, in a predetermined position along said predetermined first direction, said at least one rotation locking/release device (9) interacts with said at least one activating member (29) such that said at least one rotation locking/release device (9) is positioned in said uncoupling position; and wherein said at least one translation locking/release device (30) is configured such as to block translation of said at least one first carriage (4) along said predetermined first direction when said at least one first carriage (4) is arranged, in use, in said predetermined position.

IPC 8 full level
E05D 15/58 (2006.01)

CPC (source: EP)
E05D 15/58 (2013.01); **E05D 2015/586** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)
• [A] WO 2007148366 A1 20071227 - DADA S P A [IT], et al
• [A] WO 2015065264 A1 20150507 - NORDISKA BALCO AB [SE]

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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3150788 A1 20170405; IT UB20154078 A1 20170402

DOCDB simple family (application)
EP 16188925 A 20160915; IT UB20154078 A 20151002