

Title (en)

Roller carriage for mounting a sliding door with at least two mounting devices

Title (de)

Rollenwagen für die Aufnahme einer Schiebetür mit zumindest zwei Montagevorrichtungen

Title (fr)

Chariot à bobines pour la réception d'une porte coulissante dotée d'au moins deux dispositifs de montage

Publication

EP 3020901 B1 20211110 (DE)

Application

EP 14193362 A 20141114

Priority

EP 14193362 A 20141114

Abstract (en)

[origin: US2016138315A1] A roller carriage for the reception of a sliding door includes a roller module for the displaceable affixing at a roller running path, and a basic body for the attachment to the sliding door, wherein at least two mounting devices are provided for realizing respectively one mounting function of the roller carriage. Each mounting device includes at least one mounting element with a manipulation interface for applying a mounting force for performing a mounting movement of the mounting element. The manipulation interfaces of the mounting means elements of the at least two mounting devices are disposed on a first side of the roller carriage, and a bearing device of the roller module for the displaceable affixing at the roller running path is disposed on the opposing second side of the roller carriage.

IPC 8 full level

E05D 15/06 (2006.01)

CPC (source: EP US)

E05D 15/063 (2013.01 - EP US); **E05D 15/0634** (2013.01 - US); **E05D 15/0647** (2013.01 - US); **E05D 15/0652** (2013.01 - US); **E06B 3/4636** (2013.01 - US); **E06B 3/5454** (2013.01 - US); **E05Y 2201/614** (2013.01 - EP US); **E05Y 2201/64** (2013.01 - EP US); **E05Y 2600/456** (2013.01 - EP US); **E05Y 2800/205** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (examination)

- US 4680828 A 19870721 - COOK SANFORD L [US], et al
- DE 102011087694 A1 20121122 - GEZE GMBH [DE]

Citation (opposition)

Opponent : GEZE GmbH

- US 2999267 A 19610912 - STERLING JOHN G, et al
- GB 990057 A 19650422 - CENTOR PRODUCTS PTY LTD
- EP 0984127 A1 20000308 - EKU AG [CH]
- WO 2012004077 A1 20120112 - ASSA ABLOY IP AB [SE], et al
- WO 2012004078 A1 20120112 - ASSA ABLOY IP AB [SE], et al
- US 1066236 A 19130701 - WELLS ELMER J [US]
- DE 102011087694 A1 20121122 - GEZE GMBH [DE]
- US 2014150209 A1 20140605 - TIDWELL DRANNAN [US]
- DE 102011050395 A1 20121122 - HETTICH HEINZE GMBH & CO KG [DE]
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- DE 102010038141 A1 20120419 - HETTICH HEINZE GMBH & CO KG [DE]
- WO 2012049234 A1 20120419 - HETTICH HEINZE GMBH & CO KG [DE], et al
- US 4680828 A 19870721 - COOK SANFORD L [US], et al

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BE1030898B1; WO2024062381A3

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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EP 3020901 A1 20160518; **EP 3020901 B1 20211110**; CN 105604426 A 20160525; CN 105604426 B 20191011; DK 3020901 T3 20220207; ES 2904825 T3 20220406; US 10392844 B2 20190827; US 2016138315 A1 20160519

DOCDB simple family (application)

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