

Title (en)

Compact carriage for a wing and method for longitudinal movement of the wing in a parallel offset and secured position

Title (de)

Kompakter Laufwagen für einen Fluegel und Verfahren zum Laengs-Bewegen des Fluegels in einer parallel-abgestellten, gesicherten Lage

Title (fr)

Chariot compact pour un battant et procédé pour déplacement longitudinal du battant dans une position de rangement parallèle sécurisé

Publication

EP 2538009 A3 20160420 (DE)

Application

EP 12175677 A 20091015

Priority

- EP 09173096 A 20091015
- EP 09150358 A 20090111
- EP 12175677 A 20091015

Abstract (en)

[origin: EP2216472A2] The carriage has a control section (40) in a longitudinal direction of a housing area (10). A lateral end section of a control arm is pushed from a position. The arm has straight and curved sections (35a, 35b), and an extension arm (30) is thicker than the control arm in a swiveled-in position. The extension arm is elongated in a position or section deviated from the area. Dual bolts are provided as upwardly protruding projections (39a) detached from the engaged position and as downwardly protruding projections for guides at an end region of the control arm. An independent claim is also included for a method for longitudinally moving a door leaf into a parallel supported position.

IPC 8 full level

E05D 15/10 (2006.01)

CPC (source: EP)

E05D 15/1013 (2013.01); **E05D 2015/1031** (2013.01); **E05F 11/145** (2013.01); **E05Y 2201/418** (2013.01); **E05Y 2201/48** (2013.01); **E05Y 2201/614** (2013.01); **E05Y 2201/624** (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2600/56** (2013.01); **E05Y 2800/74** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [XDAY] EP 0619410 B1 19970312 - HAUTAU GMBH W [DE]
- [X] EP 1170448 A1 20020109 - GRETSCH UNITAS GMBH [DE]
- [YA] DE 8515998 U1 19850718
- [A] EP 0980951 A2 20000223 - WEIDTMANN WILHELM KG [DE]
- [A] US 2001010426 A1 20010802 - MIGLI CARLO [IT]
- [A] EP 1388631 A2 20040211 - HETTICH HEINZE GMBH & CO KG [DE]

Cited by

WO2017144193A1; DE102017003073A1; DE202016001162U1; EP3428376A1; DE102017115823A1

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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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2216472 A2 20100811; EP 2216472 A3 20110706; EP 2216472 B1 20120711; DE 202009019144 U1 20170203; DK 2216472 T3 20121022; DK 2538009 T3 20171009; EP 2538009 A2 20121226; EP 2538009 A3 20160420; EP 2538009 B1 20170628; EP 3216959 A1 20170913; EP 3216959 B1 20220810; ES 2641947 T3 20171114; HR P20171399 T1 20171103; HU E035800 T2 20180528; LT 2538009 T 20170825; PL 2216472 T3 20121130; PL 2538009 T3 20171229; PL 3216959 T3 20221121; PT 2538009 T 20170918; SI 2538009 T1 20171030

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EP 09173096 A 20091015; DE 202009019144 U 20091015; DK 09173096 T 20091015; DK 12175677 T 20091015; EP 12175677 A 20091015; EP 17169549 A 20091015; ES 12175677 T 20091015; HR P20171399 T 20170915; HU E12175677 A 20091015; LT 12175677 T 20091015; PL 09173096 T 20091015; PL 12175677 T 20091015; PL 17169549 T 20091015; PT 12175677 T 20091015; SI 200931720 T 20091015