

Title (en)

Auxiliary positioning device for slide assembly

Title (de)

Hilfspositionierungsvorrichtung für eine Schiebeanordnung

Title (fr)

Dispositif de positionnement auxiliaire pour ensemble coulissant

Publication

EP 2327334 A1 20110601 (EN)

Application

EP 09177467 A 20091130

Priority

EP 09177467 A 20091130

Abstract (en)

A slide assembly with an auxiliary positioning device (16) includes a positioning member (30) and a guiding base (32). The positioning member (30) is pivotally connected to a first slide member (10) and includes a pin member (36). The guiding base (32) is connected to a second slide member (12) and includes a separation body (50), an engaging body (52), multiple passages (54, 56, 58) and slots (64a, 64b, 64c). When the second slide member (12) is retracted, the pin member (36) is located in a first passage (54). When the second slide member (12) is pushed inward, the pin member (36) moves from the first passage (54) into a first slot (64a). When the force is released, the pin member (36) moves through a second passage (56) and the second slide member (12) pops out. When the second slide member (12) is retracted again, the pin member (36) is engaged with the engaging body (52) and then disengaged from the engaging body (52) by a pushing force, the pin member (36) moves through a third slot (64a) and a third passage (54).

IPC 8 full level

A47B 88/04 (2006.01)

CPC (source: EP)

A47B 88/47 (2016.12)

Citation (applicant)

- US 5040833 A 19910820 - BRUNNERT EBERHARD [DE]
- EP 09165988 A 20090721

Citation (search report)

- [X] US 7347515 B1 20080325 - LU CHUN-MIN [TW]
- [X] US 7374261 B1 20080520 - WANG CHUN-PING [TW]
- [A] US 6247733 B1 20010619 - WEILAND NICHOLAS ROY [GB]
- [A] US 2002096892 A1 20020725 - SATO TOMOAKI [JP], et al

Cited by

WO2024077319A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2327334 A1 20110601; EP 2327334 B1 20120516; DK 2327334 T3 20120723; ES 2384020 T3 20120628

DOCDB simple family (application)

EP 09177467 A 20091130; DK 09177467 T 20091130; ES 09177467 T 20091130