

Title (en)

A HINGE ARRANGEMENT, IN PARTICULAR A HIDDEN HINGE ARRANGEMENT

Title (de)

SCHARNIERANORDNUNG, INSBESONDERE EINE VERDECKTE SCHARNIERANORDNUNG

Title (fr)

AGENCEMENT DE CHARNIÈRE, EN PARTICULIER UN AGENCEMENT DE CHARNIÈRE DISSIMULÉE

Publication

**EP 3321458 A1 20180516 (EN)**

Application

**EP 17200140 A 20171106**

Priority

PL 41944916 A 20161114

Abstract (en)

The present invention relates to a hinge arrangement (1), preferably a hidden hinge arrangement, comprising a first hinge member (2) connected in a hinged manner to a second hinge member (3) provided with a hinge lever (35) and a clamping member (33) with a slot (331) into which said hinge lever (35) is inserted in the direction substantially perpendicular relative to the axis (A) of the hinge arrangement (1), and mounting means (335) for mounting said hinge lever (35) in the clamping member (33) of the second hinge member (3). In order to enable an ease adjustment of a sash (5) position relative to a frame (4) after fastening the sash (5), the clamping member (33) has at least one recess (334) open on the side of the hinge lever (35) insertion, and the hinge lever (35) has at least one locking projection (353) located in said recess (334) of the clamping member (33), wherein the second hinge member (3) has additionally at least one locking member (34) provided with a retaining surface (342) for said locking projection (353) of the hinge lever (35), and the locking element (34) and/or the clamping member (33) is/are provided with locking means (344, 336) blocking a displacement of the locking element (34) along the direction of the hinge lever (35) insertion.

IPC 8 full level

**E05D 5/06** (2006.01); **E05D 7/04** (2006.01)

CPC (source: EA EP)

**E05D 5/06** (2013.01 - EP); **E05D 7/04** (2013.01 - EA); **E05D 2007/0476** (2013.01 - EP); **E05Y 2600/41** (2013.01 - EP); **E05Y 2600/502** (2013.01 - EP); **E05Y 2900/148** (2013.01 - EP)

Citation (search report)

- [XAYI] EP 1132559 A1 20010912 - HAHN GMBH & CO KG DR [DE]
- [Y] DE 202010013011 U1 20110224 - SIMONSWERK GMBH [DE]

Cited by

CN114555900A; EP3683390A1; BE1027039B1; WO2021073830A1; WO2019172787A1

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 3321458 A1 20180516**; **EP 3321458 B1 20200108**; EA 035794 B1 20200811; EA 201792167 A1 20180928; PL 231737 B1 20190329; PL 419449 A1 20180521

DOCDB simple family (application)

**EP 17200140 A 20171106**; EA 201792167 A 20171027; PL 41944916 A 20161114