

Title (en)

CLAMPING SYSTEM USING WEDGE WITH ANGLE TRANSMISSION

Title (de)

SPANNSYSTEM MIT KEIL MIT WINKELTRANSMISSION

Title (fr)

SYSTÈME DE MAINTIEN AVEC UTILISATION DE COIN À RENVOI

Publication

EP 3169483 B1 20180912 (FR)

Application

EP 15738658 A 20150717

Priority

- FR 1456849 A 20140717
- EP 2015066382 W 20150717

Abstract (en)

[origin: WO2016009034A1] The present invention relates to a clamping device; it comprises a mounting element (2) with an axis of rotation X, an actuator (3), a support (1) that has an opening (11) of axis X in which opening the mounting element (2) and the actuator (3) are positioned, it is characterized in that the mounting element (2) comprises a slide (21) in which there are positioned a ring (6) and a locking wedge (4) which collaborate with at least one angle transmission (5), the support (1) comprises an interior groove (10) arranged in the opening (11) and the ring (6) and the locking wedge (4) collaborate with the interior groove (21). The mounting element (2) can thus easily be angularly positioned. There are preferably two angle transmissions (5) positioned such that they are diametrically opposed.

IPC 8 full level

B25B 5/00 (2006.01); **B25B 5/06** (2006.01); **B25B 5/08** (2006.01)

CPC (source: EP US)

B25B 5/006 (2013.01 - US); **B25B 5/062** (2013.01 - EP US); **B25B 5/064** (2013.01 - EP US); **B25B 5/087** (2013.01 - EP US)

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

DOCDB simple family (publication)

WO 2016009034 A1 20160121; CN 106715051 A 20170524; CN 106715051 B 20190222; DK 3169483 T3 20190107; EP 3169483 A1 20170524; EP 3169483 B1 20180912; ES 2701335 T3 20190221; FR 3023738 A1 20160122; FR 3023738 B1 20160729; HR P20182075 T1 20190208; HU E040646 T2 20190328; JP 2017529503 A 20171005; JP 6797793 B2 20201209; PL 3169483 T3 20190430; PT 3169483 T 20190121; RS 58055 B1 20190228; SI 3169483 T1 20190430; US 10933512 B2 20210302; US 2017252902 A1 20170907

DOCDB simple family (application)

EP 2015066382 W 20150717; CN 201580050119 A 20150717; DK 15738658 T 20150717; EP 15738658 A 20150717; ES 15738658 T 20150717; FR 1456849 A 20140717; HR P20182075 T 20181210; HU E15738658 A 20150717; JP 2017522736 A 20150717; PL 15738658 T 20150717; PT 15738658 T 20150717; RS P20181499 A 20150717; SI 201530522 T 20150717; US 201515326268 A 20150717