

Title (en)

Hinge for the pivoting connection of a leaf to a frame

Title (de)

Band zur schwenkbaren Verbindung eines Flügels mit einem Rahmen

Title (fr)

Charnière pour la connection pivotante d'un battant sur un cadre

Publication

EP 2607589 A3 20150429 (DE)

Application

EP 12196638 A 20121212

Priority

DE 202011052372 U 20111220

Abstract (en)

[origin: EP2607589A2] The tape has an insert (2) e.g. cylinder and/or cylindrical pin, provided in a tape bolt (1), where the insert is harder than the tape bolt. The insert exhibits a degree of freedom at a rotational axis and rotationally symmetric. The rotational axis of the insert coincides with another rotational axis of the tape bolt. The insert is arranged in a hole (3) i.e. blind borehole, in the tape bolt and exhibits tolerance in the tape bolt. The insert is easily rotated in the tape bolt. A securing element (4) is provided for securing the insert in the tape bolt.

IPC 8 full level

E05D 11/00 (2006.01); **E05D 3/02** (2006.01); **E05D 11/04** (2006.01)

CPC (source: EP)

E05D 3/02 (2013.01); **E05D 11/0018** (2013.01); **E05D 11/04** (2013.01); **E05D 2005/104** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [X] JP 2006241857 A 20060914 - MIWA LOCK KK
- [X] EP 0259618 A2 19880316 - BROTSCHI & CO AG GEB [CH]

Cited by

CN105452585A; WO2015003822A1

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)

DE 202011052372 U1 20130321; EP 2607589 A2 20130626; EP 2607589 A3 20150429; EP 2607589 B1 20190410; EP 3358113 A1 20180808; EP 3358113 B1 20230607; PL 2607589 T3 20190930; PL 3358113 T3 20230904

DOCDB simple family (application)

DE 202011052372 U 20111220; EP 12196638 A 20121212; EP 18159126 A 20121212; PL 12196638 T 20121212; PL 18159126 T 20121212