

Title (en)

HINGE ASSEMBLY FOR SECURING DOORS OR WINDOWS

Title (de)

BANDANORDNUNG ZUR BEFESTIGUNG VON TÜREN ODER FENSTERN

Title (fr)

ENSEMble CHARNIÈRE POUR FIXER DES PORTES OU DES FENÊTRES

Publication

EP 4377543 A1 20240605 (DE)

Application

EP 22736261 A 20220628

Priority

- DE 102021119865 A 20210730
- EP 2022067729 W 20220628

Abstract (en)

[origin: WO2023006320A1] The invention relates to a hinge assembly (100), in particular a concealed hinge assembly (100), for securing doors or windows in a rotatable manner about a hinge axis, having a cartridge (3) and a hinge bracket (4) which is partly arranged in a receiving region (9) of the cartridge (3). The hinge axis is parallel to a vertical direction (V), wherein the hinge bracket (4) is inserted into the receiving region (9) along a horizontal direction (H) which is orthogonal to the vertical direction (V), and the cartridge (3) has a nose (5) in the receiving region (9) for engaging into a recess (6) of the hinge bracket (4) and for holding the hinge bracket (4). The invention additionally relates to a method for installing a hinge assembly (100).

IPC 8 full level

E05D 7/02 (2006.01); **E05D 7/12** (2006.01)

CPC (source: EP)

E05D 7/02 (2013.01); **E05D 7/12** (2013.01); **E05D 2007/128** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2800/174** (2013.01);
E05Y 2900/132 (2013.01); **E05Y 2900/148** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021119865 B3 20220707; CN 117751225 A 20240322; EP 4377543 A1 20240605; WO 2023006320 A1 20230202

DOCDB simple family (application)

DE 102021119865 A 20210730; CN 202280052973 A 20220628; EP 2022067729 W 20220628; EP 22736261 A 20220628