

Title (en)

INSTALLATION SPACER AND USE OF SUCH A DEVICE

Title (de)

INSTALLATIONSABSTANDSHALTER UND VERWENDUNG EINER SOLCHEN VORRICHTUNG

Title (fr)

CROISILLON D'ESPACEMENT ET UTILISATION D'UN TEL DISPOSITIF

Publication

EP 3945194 A1 20220202 (EN)

Application

EP 20188762 A 20200730

Priority

EP 20188762 A 20200730

Abstract (en)

An installation spacer (20) for guiding a fastener (50) when fixing a building component (40) such as a door or a window frame to a wall (45) comprises an essentially flat mounting base (22) defining a base plane (21), a guiding tube (26) with a central through hole (29) around its longitudinal axis (25) and a first end (27) and a second end (28) and a wedge element (24) fixedly connecting said guide tube (26) with the mounting base (22). The wedge element is construed to define an acute angle α between the axis (25) and the base plane (21) such that the first end (28) is located closer to the base plane (21) than the second end (28). α is being chosen from a value between 5° to 30°, preferably α is being chosen to be 6°. A respective method for installing a building component (40) such as a door or a window to a wall (45) includes providing a building component (40) with an outer, frame-like structure which a plurality of installation spacers (20) mounted to the outer frame surface, placing the building component (40) adjacent to a wall opening, aligning the building component (40) in its target position and screwing in a screw (50) through the installation spacer's (20) guiding tube (26) into a section to the wall.

IPC 8 full level

E06B 1/60 (2006.01)

CPC (source: EP)

E06B 1/6069 (2013.01)

Citation (search report)

- [XII] WO 2018044186 A1 20180308 - AIB SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA SP K [PL]
- [XII] DE 202009009444 U1 20101111 - HOERMANN KG FREISEN [DE]

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 3945194 A1 20220202

DOCDB simple family (application)

EP 20188762 A 20200730