

Title (en)

A SYSTEM FOR FIXING PANELS ON THE FACADES OF THE BUILDINGS

Title (de)

BEFESTIGUNGSSYSTEM FÜR PLATTEN AUF FASSADEN VON GEBÄUDEN

Title (fr)

SYSTÈME POUR FIXER DES PANNEAUX SUR LES FAÇADES DES BÂTIMENTS

Publication

EP 3631117 A1 20200408 (EN)

Application

EP 18740283 A 20180530

Priority

- PL 42176117 A 20170531
- IB 2018053860 W 20180530

Abstract (en)

[origin: WO2018220559A1] The object of the invention is a system for fixing panels on the walls of the building, the panels comprising a facade panel (1) and an insulating layer (2), characterized in that it comprises a first strip (4) and a second strip (5) fastened in a permanent manner to the bottom panel layer, which is an insulating layer (2); at least one cross-bar (6) joining the first strip (4) and the second strip (5); a fitting (12) affixed to a wall of a building, including a wall mounting part that adheres to the wall and a part extending towards the panels comprising an opening for the screw (8) to pass through; a screw (8) for mounting and joining adjacent top and bottom panels which is to pass through an opening in the part of the fitting (12) extending towards the panels; at least one nut (9) for locking the bottom panel, suspended, in a given position, screwed onto screw (8); a barrel nut (10) screwed onto the screw (8), used to support and fix the position of the upper panel; wherein the first strip (4) has a C-shaped profile forming a groove, at the ends of which there are protrusions formed by perpendicular walls, against which the nut (9) and/or screw head (8) rests from below, allowing the lower panel to be suspended; the second strip (5) has a U-shaped profile forming a groove in which a barrel nut (10) screwed onto the screw (8) from the top is placed, used to support and fix the position of the upper panel.

IPC 8 full level

E04F 13/08 (2006.01)

CPC (source: EP)

E04F 13/0826 (2013.01); **E04F 13/0846** (2013.01); **E04F 13/0853** (2013.01); **E04F 13/0875** (2013.01); **E04C 2/284** (2013.01)

Citation (search report)

See references of WO 2018220559A1

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)

WO 2018220559 A1 20181206; EP 3631117 A1 20200408; EP 3631117 B1 20210714; PL 3631117 T3 20220214; PL 421761 A1 20181203

DOCDB simple family (application)

IB 2018053860 W 20180530; EP 18740283 A 20180530; PL 18740283 T 20180530; PL 42176117 A 20170531