

Title (en)

Single module detachable, sliding assembly, aluminium sub-construction system for cladding materials such as glass, ceramic, etc.

Title (de)

Einteilige lösbare Schiebeanordnung und Aluminiumunterbausystem für Hüllmaterialien wie Glas, Keramik usw

Title (fr)

Module simple détachable, ensemble coulissant, système de sous-construction d'aluminium pour revêtir des matériaux tel le verre, la céramique, etc.

Publication

EP 2453075 B1 20141029 (EN)

Application

EP 10191076 A 20101112

Priority

EP 10191076 A 20101112

Abstract (en)

[origin: EP2453075A1] The present invention is a sub-construction system wherein aluminum profiles with special geometric shapes are connected to the building by using anchorages (5); modules (15) are composed by assembling frame profiles (2) and cladding materials (7) such as ceramic, wood, aluminum, clay, glass, composite, etc.; modules are assembled to the tab (1.1) on main load-bearing profile (1) by being clamped by means of locking claw (6.2) with special geometric cross-section of fixing plastic (6) without using connection part such as screw, rivet, etc.; fixing sets are not slip by themselves; gaskets, which provide water, dust and air tightness, are assembled to the channels (assembling groove) (2.3) with special geometric shape in the frame profiles (2) of the modules; mechanical support profile (4), which carry dead loads of modules and axial movement due to the wind load, are used; water, dust, air tightness is provided by attaching vertical/horizontal gaskets to the channels with special geometric shape in the main load-bearing profiles after installation of modules (15) to the main load-bearing profile (1); if required, desired module (15) can be disassembled by using disassembly tool (10) with special geometric shape after completed installation of the façade.

IPC 8 full level

E04F 13/08 (2006.01)

CPC (source: EP)

E04F 13/081 (2013.01); **E04F 13/083** (2013.01)

Cited by

AT515910A4; AT515910B1

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)

EP 2453075 A1 20120516; EP 2453075 B1 20141029

DOCDB simple family (application)

EP 10191076 A 20101112