

Title (en)

A support structure for façade cover panels

Title (de)

Unterkonstruktion für Fassadenplatten

Title (fr)

Structure de support pour des panneaux de façade

Publication

EP 1891282 A1 20080227 (EN)

Application

EP 06710210 A 20060223

Priority

- HU 2006000017 W 20060223
- HU 0500043 U 20050224

Abstract (en)

[origin: WO2006090195A1] According to a first aspect, the invention is a profile rail (10) for a support structure, the profile rail (10) having four side surfaces and a longitudinal flanged groove (13A, 13B; 13C, 13D) in each of the side surfaces, said flanged grooves (13A, 13B; 13C, 13D) being suitable for receiving bolt heads and/or nuts of screw joints. The profile rail has an overall cross section of a rectangular shape, and comprises two inner stiffening walls (15'', 15''') arranged in parallel with one of the pairs of the side surfaces (11A, 11B), and further two inner stiffening walls (15', 15'') arranged in parallel with the other pair of the side surfaces (11 C, 11 D), said stiffening walls (15', 15'', 15''', 15''') in pairs being arranged to sandwich openings (12A, 12B; 12C, 12D) of the opposite grooves (13A, 13B; 13C, 13D) and at a distance from each-other longer than the width of the openings (12A, 12B; 12C, 12D) as well as to define inner walls of the flanged grooves (13A, 13B; 13C, 13D). According to a second aspect, the invention is an adjustable support structure formed with the profile rail.

IPC 8 full level

E04B 1/24 (2006.01); **E04B 2/56** (2006.01); **E04B 9/06** (2006.01); **E04F 13/08** (2006.01); **F16S 3/00** (2006.01)

CPC (source: EP)

E04F 13/0808 (2013.01); **E04F 13/0821** (2013.01)

Citation (search report)

See references of WO 2006090195A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

HR YU

DOCDB simple family (publication)

WO 2006090195 A1 20060831; EP 1891282 A1 20080227; HU 0500043 V0 20050428; HU 3001 U 20050928

DOCDB simple family (application)

HU 2006000017 W 20060223; EP 06710210 A 20060223; HU 0500043 U 20050224