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A support structure for façade cover panels

Abstract

Abstract not available for EP1891282A1 – abstract of corresponding document: 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 (11C, 11D), 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.