

Title (en)

SET OF WALL-FIXING PROFILES FOR SECURING THE INFRASTRUCTURE OF FACADE PANELS TO THE WALLS OF BUILDINGS

Publication

EP 0026495 B1 19830629 (DE)

Application

EP 80105927 A 19790620

Priority

DE 7902266 U 19790127

Abstract (en)

[origin: EP0026495A2] 1. Wall supporting profile set (100, 130, 200, 210) for fixing a substructure for back-ventilated facade plates to building walls, comprising facade supports (50, 60, 90) for supporting the facade plates, fixable to the outer wall by means of wall supporting profiles (100, 130, 200, 210) and spacers (70), in which the facing surfaces of the facade supports (50, 60, 90), spacers (70) and wall supporting profiles (100, 130, 200, 210) are joined together by rivet joints, the wall supporting profile (100, 200, 210) serving as the fixed point being constructed as one-piece profile sections with at least one wall supporting plate with slot-like openings and a leg projecting away from the wall with vertical serrations on one surface and the wall supporting profile serving as the sliding point (130) are constructed as a one-piece profile sections with a generally L-shaped cross-section with slot-like openings arranged in both legs and vertical grooves provided in the leg projecting away from the wall, characterized by the combination of the following features : a) in the wall supporting plates constructed as a lateral web (114, 155), supporting plate (204) or wall leg (211) of the wall supporting profiles (100, 200, 210) serving as the fixed point, in the vicinity of the slot-like openings (116, 117; 206; 224), are constructed plate sections (121, 122; 205; 223) which surround the latter and which are curved forwards with respect to the plane of the surface of the wall leg (211), lateral web (114, 115) or supporting plate (204) facing the wall (1) ; b) on the sections (133) of the supporting let (132) remote from the wall legs (131) of the wall supporting profile (130) serving as the sliding point is constructed a portion (134) bent towards the wall leg (131) for the moment-free transfer of horizontal loads and on whose end (134a) is arranged at right angles to the wall leg (131) a supporting web (135) aligned with the slot-like opening (140).

IPC 1-7

E04F 13/08

IPC 8 full level

E04F 13/08 (2006.01)

CPC (source: EP)

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Cited by

WO2011085507A1; EP0205793A3; EP0065296A1; EP2108756A1; US2017081849A1; US10024054B2; CH702578A1; EA022554B1; WO2019048869A1; US8898984B2

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