

Title (en)

System to support façade covering elements, particularly folded sheet metal caissons.

Title (de)

Stützungssystem für Fassadenbekleidungselemente, insbesondere für Kassetten aus gefaltetem Blech.

Title (fr)

Système support d'éléments d'habillage de façade, en particulier de caissons en tôle pliée.

Publication

EP 0227514 A1 19870701 (FR)

Application

EP 86402499 A 19861107

Priority

FR 8516566 A 19851108

Abstract (en)

1. Support system for facade cladding elements, particularly folded sheet metal box sections, comprising : anchoring pieces (100) in the general shape of a square, having two arms (110, 150) approximately at right angles, a first arm of the anchoring piece being provided with first means of fixing (112) enabling it to be secured to the facade with the possibility of adjustment between each anchoring piece and the facade in a first direction (I) parallel to the facade, intermediate connecting pieces (200) fitted onto the second arm (150) of each anchoring piece, extending at right angles to the facade, by means of second means of fixing (152, 160) allowing adjustment between the anchoring pieces (100) and the connecting pieces (200) in a second direction (II) at right angles to the first, and at right angles to the facade, a multiplicity of parallel sections (300), brackets (500) mounted in the channels (308) of the sections (300) and acting as support for the cladding elements (600) characterised in that it incorporates locking pieces (400) in the form of elongated plates (410), fitted onto the connecting pieces by means of third means of fixing (232, 430), and fixed securely on the sections in a relative position adjustable in a third direction (III), generally at right angles to said first and said second directions of adjustment and parallel to the longest dimension of the sections, the brackets (500) being securely fixed in a position adjustable in said third direction (III).

Abstract (fr)

Le présente invention concerne un système support d'éléments d'habillage de façade. Le système support comprend des pièces d'ancrage en forme générale d'équerre 100 destinées à être fixées sur la façade, des pièces de liaison intermédiaire 200 assemblées sur les pièces d'ancrage, une pluralité de profilés parallèles 300, des pièces de blocage 400 assemblées sur les pièces de liaison 200 et adaptées pour être immobilisées sur les profilés 300 et des brides 500 servant de support aux éléments d'habillage 600. Les différents éléments du système support son adaptés pour permettre un réglage tridimensionnel simple et rapide.

IPC 1-7

E04F 13/08

IPC 8 full level

E04F 13/08 (2006.01)

CPC (source: EP)

E04F 13/0808 (2013.01); **E04F 13/081** (2013.01)

Citation (search report)

- [A] EP 0144926 A2 19850619 - MICHEL OHG METALLBAU GEB [DE]
- [A] FR 2281041 A7 19760227 - ELTREVA AG [CH]
- [AD] LU 80537 A1 19790322 - SCHUERMANN & CO HEINZ [DE]
- [AD] DE 2850167 A1 19800604 - MAUERSBERGER KARL HEINZ
- [A] US 3590543 A 19710706 - HEIRICH WILLIAM C
- [AD] FR 2303906 A1 19761008 - ALUSUISSE [CH], et al
- [A] DE 2410074 A1 19750918 - BAUPATENT GMBH
- [A] CH 372817 A 19631031 - FURRER JOSEF [CH]
- [A] FR 2221608 A1 19741011 - ANGERS GRPT INTERET ECO ARDOIS [FR]
- [A] FR 2311145 A1 19761210 - IND PROFILATI SOMAGLIA SPA [IT]
- [XP] FR 2568290 A1 19860131 - METODECOR [FR]

Cited by

EP0677626A1; CN102359242A; GB2462422A; GB2462422B; WO9602717A1; WO2023217344A1

Designated contracting state (EPC)

AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0227514 A1 19870701; **EP 0227514 B1 19890830**; AT E46007 T1 19890915; DE 3665338 D1 19891005; ES 2010189 B3 19891101; FR 2589916 A1 19870515; FR 2589916 B1 19900608; GR 3000164 T3 19901231

DOCDB simple family (application)

EP 86402499 A 19861107; AT 86402499 T 19861107; DE 3665338 T 19861107; ES 86402499 T 19861107; FR 8516566 A 19851108; GR 890400178 T 19890921