

Title (en)
Front wall.

Title (de)
Fassadenwand.

Title (fr)
Mur de façade.

Publication
EP 0221480 A2 19870513 (DE)

Application
EP 86114845 A 19861025

Priority
DE 3539002 A 19851102

Abstract (en)
[origin: US4704831A] A facade wall with a loadbearing skeleton of vertical posts and cross members inserted between the posts and connected at right angles thereto, which together form skeleton panels, provided with a seal, for receiving one plate element each, the post profile comprising in cross-section a room-side box profile portion and a weather-side head profile portion of smaller width and having on either side of the head profile a vertically extending seal retaining groove in the weather-side box profile surface. Lower and upper seal retaining grooves are provided in the cross member on the weather side. The cross member profile comprises a box profile portion and a head profile portion, which is arranged between the two horizontal seal retaining grooves and has horizontal seal retaining grooves in its upper and lower sides, each of which grooves is aligned with a vertical seal retaining groove in an associated side surface of the post profile head profile portion. Extending around a skeleton panel is a sealing profile, having a first retaining foot which engages the lower or upper seal retaining groove in the head profile of the cross member and the vertical seal retaining grooves in the side surfaces of the head profile portions of the post profiles, and having a second retaining foot which engages the lower or upper seal retaining groove in the box profile portion of the cross member and the vertical seal retaining grooves of the weather-side box profile surfaces of the post profiles.

Abstract (de)
Die Erfindung betrifft eine Fassadenwand mit einem Traggerippe aus lotrechten Pfosten (1) und zwischen diesen eingesetzten und mit ihnen rechtwinklig verbundenen Riegeln (2), die gemeinsam jeweils mit einer Dichtung versehene Gerippfelder zur Aufnahme je eines Plattenelementes bilden. Das Riegelprofil (2a, 2b) setzt sich aus einem Kastenprofil (2a) und einem zwischen zwei horizontalen Dichtungshaltenuten (9, 10) angeordneten Kopfprofil (2b) zusammen, das in seiner Ober- und Unterseite je eine horizontale Dichtungshaltenut (18) aufweist, deren Verlängerung in eine lotrechte Dichtungshaltenut (19) in der zugeordneten Seitenfläche des Kopfprofils (3a) des Pfostenprofils (3) mündet; um ein Gerippfeld läuft ein Dichtungsprofil um, das mit Haltefüße in die Dichtungshaltenuten (9, 10, 17, 18, 19) eingreift.

IPC 1-7
E04B 2/96

IPC 8 full level
E04B 2/88 (2006.01); **E04B 2/96** (2006.01)

CPC (source: EP US)
E04B 2/965 (2013.01 - EP US)

Cited by
CN110792216A; DE29915502U1; EP0587967A1; DE19527141A1; DE19527141C2; WO9112390A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0221480 A2 19870513; EP 0221480 A3 19870916; EP 0221480 B1 19890215; AT E40842 T1 19890315; CA 1280872 C 19910305; DE 3539002 A1 19870521; DE 3539002 C2 19870903; DE 3662114 D1 19890323; JP S62182333 A 19870810; NO 165120 B 19900917; NO 165120 C 19901227; NO 864363 D0 19861031; NO 864363 L 19870504; US 4704831 A 19871110

DOCDB simple family (application)
EP 86114845 A 19861025; AT 86114845 T 19861025; CA 522084 A 19861103; DE 3539002 A 19851102; DE 3662114 T 19861025; JP 25960986 A 19861030; NO 864363 A 19861031; US 92594486 A 19861103