

Title (en)

Panel for the modular construction of a building.

Title (de)

Platte für den Bau eines Hauses im Baukastensystem.

Title (fr)

Panneau pour la construction modulaire d'un bâtiment.

Publication

EP 0152145 A1 19850821 (FR)

Application

EP 85200146 A 19850208

Priority

FR 8402545 A 19840213

Abstract (en)

1. A panel for the modular construction of a building, comprising a peripheral frame (1, 2, 3, 4) endowed externally with a jointing structure on its circumference (1a, 2a, 3a, 4a), a first network of struts (10) extending within the frame next one of the faces of the latter, a second network of struts (11) extending within the frame next its other face and exhibiting directions crossed with respect to the first network, a first insulating sheet (12) consisting of strips of rigid or semirigid insulation inserted in the frame between the struts (10) of the first network and a second insulating sheet (13) consisting of strips of rigid or semirigid insulation inserted in the frame between the struts (11) of the second network, the said panel being characterized in that : - the two networks of struts (10, 11) are disjointed and separated by an empty space of substantially constant thickness extending in the vicinity of the central plane (M) of the frame ; - at least one wind-brace (6, 7) is arranged in the said empty space and fastened to the inside of the frame with a direction crossed with respect to the two networks of struts (10, 11) ; - the struts (10, 11) of the two networks are arranged so as to rest on opposite sides of the said wind-braces (6, 7) and are fastened onto the latter at the level of the zones of intersection ; - the two insulating sheets (12, 13) rest against the said wind-braces (6, 7) respectively on opposite sides of the latter.

Abstract (fr)

Le panneau comprend un cadre périphérique (1, 2, 3, 4), un premier réseau d'entretoises (10), un second réseau d'entretoises (11) croisées par rapport à celles du premier réseau, une première nappe d'isolation (12) insérée dans le cadre entre les entretoises (10) du premier réseau et une seconde nappe d'isolation (13) insérée dans le cadre entre les entretoises (11) du second réseau. Les deux réseaux d'entretoises (10) et (11) sont disjointes et séparés par un espace vide dans lequel sont disposés des contreventements (6, 7) de directions croisées par rapport aux deux réseaux d'entretoises (10, 11). Ces entretoises (10, 11), s'appuient de part et d'autre desdits contreventements et sont fixées sur ceux-ci au niveau des zones de croisement; en outre, les deux nappes d'isolation (12, 13), s'appuient contre lesdits contreventements respectivement de part et d'autre de ceux-ci.

IPC 1-7

E04C 2/38

IPC 8 full level

E04C 2/38 (2006.01)

CPC (source: EP)

E04C 2/386 (2013.01)

Citation (search report)

- [AD] FR 2363677 A1 19780331 - ANSTETT GILBERT [FR]
- [AD] FR 2519050 A1 19830701 - DIETRICH & CIE DE [FR]
- [A] FR 1314995 A 19630111 - MONDIAL PRATIC SOC
- [AD] FR 2524044 A1 19830930 - PUECH MICHEL [FR]
- [A] FR 1290982 A 19620420

Cited by

EP1978169A1; FR26444817A1; FR2611780A1; AU641243B2; BE1023472B1; GB2202248A; GB2202248B; EP4343071A1; WO2005007990A1; WO2024062075A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0152145 A1 19850821; EP 0152145 B1 19880113; AT E31956 T1 19880115; DE 3561409 D1 19880218; FR 2559524 A1 19850816; FR 2559524 B1 19860613; OA 07953 A 19870131

DOCDB simple family (application)

EP 85200146 A 19850208; AT 85200146 T 19850208; DE 3561409 T 19850208; FR 8402545 A 19840213; OA 58526 A 19850213