

Title (en)

BUILDING PANELS WITH SUPPORT MEMBERS EXTENDING PARTIALLY THROUGH THE PANELS AND METHOD THEREFOR

Title (de)

BAUPLATTEN MIT STÜTZGLIEDERN, DIE SICH TEILWEISE DURCH DIE PLATTEN ERSTRECKEN, UND VERFAHREN DAFÜR

Title (fr)

PANNEAUX DE CONSTRUCTION COMPORTANT DES ELEMENTS DE SUPPORT Y PENETRANT PARTIELLEMENT, ET PROCEDE ASSOCIE

Publication

**EP 1994238 A4 20140611 (EN)**

Application

**EP 07717411 A 20070125**

Priority

- US 2007061051 W 20070125
- US 78237206 P 20060314

Abstract (en)

[origin: WO2007106613A2] A building panel for residential and commercial construction uses a plurality of insulating blocks connected together by adhesive. The insulation blocks are typically made of foam. A plurality of support members are disposed on opposite sides of the insulting blocks and offset with respect to the adjacent support member. The support member are typically made of metal and can have different shapes including "T" shape, "U" shape, and "L" shape. Each support member has a head portion in contact with a surface of the insulating block and a stem portion extending into the insulating block and having a length less than a width of the insulating block so that a thermal conduction path of the support member is discontinuous across the insulating block. The panel can be used as a curtain wall panel in high-rise construction, as well as bodies for aircraft, automotive, and marine applications.

IPC 8 full level

**E04C 1/00** (2006.01)

CPC (source: EP US)

**E04B 1/14** (2013.01 - EP US); **E04B 1/80** (2013.01 - EP US); **E04C 2/205** (2013.01 - EP US); **E04C 2/22** (2013.01 - EP US); **B60R 13/08** (2013.01 - EP US)

Citation (search report)

- [A] CA 2194303 A1 19980703 - RITCHIE GORDON D [CA], et al
- [A] US 2005204697 A1 20050922 - RUE JERRY R [US]
- See references of WO 2007106613A2

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