

Title (en)  
Prefabricated building element.

Title (de)  
Vorgefertigtes Bauelement.

Title (fr)  
Élément de construction préfabriqué.

Publication  
**EP 0054199 A1 19820623 (FR)**

Application  
**EP 81109829 A 19811123**

Priority  
CH 917880 A 19801212

Abstract (en)  
[origin: ES8300368A1] A construction element comprises a ribbed sheet metal core whose ribs are of trapezoidal cross section, at least partially embedded in plastic foam. Fretwork extends along the tops of the ribs, transversely or longitudinally thereof. Transversely, the fretwork can be spaced metal straps or wooden slats. Longitudinally, the fretwork can be undulant or twisted metal strips. The fretwork can be embedded in the plastic foam, or can be disposed outside and spaced from the plastic foam so as to serve to improve the connection between the construction element and a layer of concrete cast thereon. The construction elements have overlapping edges of reduced thickness into which the metal core extends. The ends of the construction elements have Z-shaped members one wing of which is secured to the core and the other wing of which serves to secure the element to a support.

Abstract (fr)  
La présente invention concerne un élément de construction polyvalent, qui comporte une armature rigide constituée par une âme métallique formée d'un ou de plusieurs profilés nervurés (1). Cette âme métallique est au moins partiellement noyée dans un matériau isolant synthétique (2), de telle sorte que les deux faces (3) de l'élément de construction sont entièrement formées par ce matériau isolant. Cet élément de construction peut être utilisé par exemple pour la réalisation de murs, panneaux isolants pour bardage, supports de couverture, planchers, etc.

IPC 1-7  
**E04C 2/22**; **E04B 5/40**

IPC 8 full level  
**E04B 5/40** (2006.01); **E04C 2/18** (2006.01); **E04C 2/20** (2006.01)

CPC (source: EP US)  
**E04B 5/40** (2013.01 - EP US); **E04C 2/18** (2013.01 - EP US); **E04C 2/205** (2013.01 - EP US); **Y10T 428/24999** (2015.04 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
BE DE GB IT NL SE

DOCDB simple family (publication)  
**EP 0054199 A1 19820623**; **EP 0054199 B1 19860115**; CA 1206720 A 19860702; CH 641227 A5 19840215; DE 3173536 D1 19860227; ES 507725 A0 19821101; ES 8300368 A1 19821101; FR 2496147 A1 19820618; FR 2496147 B1 19840928; US 4517782 A 19850521

DOCDB simple family (application)  
**EP 81109829 A 19811123**; CA 391353 A 19811202; CH 917880 A 19801212; DE 3173536 T 19811123; ES 507725 A 19811204; FR 8122615 A 19811201; US 33051781 A 19811214