

Title (en)

METHOD AND APPARATUS FOR PRECAST AND FRAMED BLOCK ELEMENT CONSTRUCTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON VORFABRIZIERTEN UND GERAHMTE BLOCKELEMENTEN

Title (fr)

PROCEDE ET DISPOSITIF DE CONSTRUCTION UTILISANT DES BLOCS PREFABRIQUES ET DES ELEMENTS A OSSATURE

Publication

EP 1554442 A2 20050720 (EN)

Application

EP 03776251 A 20031008

Priority

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Abstract (en)

[origin: WO2004033810A2] Precast planar construction blocks are cast on-site or received and assembled in free-standing modules. A variety of shapes of spaced apart paired blocks form free-standing modules which apply building load over a large footprint. Biaxial sleeve connectors and threaded rods facilitate connection between blocks. The free-standing modules are connected with other structural elements to form a complete primary structure. The primary structure can then be enclosed using manufactured blocks to establish perimeter walls and roofs.

IPC 1-7

E04B 1/21; **E04C 3/34**; **E04C 3/44**; **E04B 1/20**; **E04C 3/20**

IPC 8 full level

B28B 7/00 (2006.01); **B28B 7/18** (2006.01); **B28B 23/00** (2006.01); **E04B 1/04** (2006.01); **E04B 1/20** (2006.01); **E04B 5/02** (2006.01); **E04B 5/43** (2006.01); **E04B 7/02** (2006.01); **E04B 7/08** (2006.01); **E04B 7/20** (2006.01); **E04C 3/20** (2006.01); **E04C 3/293** (2006.01); **E04C 3/34** (2006.01); **E04C 3/44** (2006.01); **B28B 23/02** (2006.01)

CPC (source: EP US)

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