

Title (en)

A METHOD OF MANUFACTURING AN INSULATED/INSULATABLE REINFORCED BUILDING ELEMENT IN CONCRETE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES WÄRMEGEDÄMPFTEN/WÄRMEDÄMPFBAREN VERSTÄRKTEN BETONBAUELEMENTES

Title (fr)

PROCEDE DE FABRICATION D'UN ELEMENT DE CONSTRUCTION ISOLE/ISOLABLE ET EN BETON ARME

Publication

EP 0593431 B1 19960306 (EN)

Application

EP 90912341 A 19900821

Priority

- NO 893418 A 19890825
- NO 9000135 W 19900821

Abstract (en)

[origin: WO9102862A1] A rational production process for the manufacturing of insulated/isolatable building elements (foundation, wall, roof, ceiling or floor elements) in reinforced (4, 11, 12) concrete and having pegwood-forming ledges (4') connected (16, 17) to the reinforcement (4, 11, 12) and joining a concrete plate (2) via reinforced (11, 12) concrete ribs (3). For the casting process, a rectangular horizontally oriented upward open casting mould (13, 13') is utilized. One type of element is to have spaced cavities (15) for the subsequent embedment of soft insulation mats. For this type of elements, one uses a casting mould (13, 13') having spaced fixed cavity boxes (14), the spacings therebetween accomodating said pegwood-forming ledges (4'). A connection between said ledges (4') and said reinforcement (11, 12, 16, 17) is established within said mould (13, 13'). A main reinforcing net (4) is now positioned and attached to the reinforcing means (12) of the ledges (4'). Thereafter, concrete is filled into the mould. Prior to, during or immediately subsequent to hardening, one may effect the desired working on the freely accesible to surface (2) of concrete.

IPC 1-7

E04C 2/04

IPC 8 full level

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