

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

**E04C 2/04** (2006.01); **E04C 2/38** (2006.01)

CPC (source: EP)

**E04C 2/044** (2013.01); **E04C 2/382** (2013.01)

Cited by

IT201600105943A1; CN105926843A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 9102862 A1 19910307**; AT E135072 T1 19960315; AU 6169290 A 19910403; AU 642155 B2 19931014; CA 2064893 A1 19910226; CA 2064893 C 19991109; DE 69025775 D1 19960411; DE 69025775 T2 19961002; EP 0593431 A1 19940427; EP 0593431 B1 19960306; ES 2086410 T3 19960701; FI 920708 A0 19920219; FI 96982 B 19960614; FI 96982 C 19960925; HU 212543 B 19960829; HU 9200541 D0 19920629; HU T64126 A 19931129; NO 893418 D0 19890825; NO 893418 L 19910226

DOCDB simple family (application)

**NO 9000135 W 19900821**; AT 90912341 T 19900821; AU 6169290 A 19900821; CA 2064893 A 19900821; DE 69025775 T 19900821; EP 90912341 A 19900821; ES 90912341 T 19900821; FI 920708 A 19920219; HU 54190 A 19900821; HU 54192 A 19900821; NO 893418 A 19890825