

Title (en)

METHOD FOR FABRICATING SLABS HAVING POLYSTYRENE ARCHES AND PRESTRESSED CONCRETE RIB AND MACHINE FOR FABRICATING SUCH SLABS

Title (de)

METHODE ZUR FABRIKATION VON BALKEN MIT POLYSTYREN-BÖGEN UND RIPPEN AUS VORGESPANNTEN BETON SOWIE MASCHINE ZUR HERSTELLUNG SOLCHER BALKEN

Title (fr)

PROCEDE DE FABRICATION DE HOUDIS POUR VOUTE EN POLYSTYRENE ET NERVURE EN BETON PRECONTRAINTE ET MACHINE POUR FABRIQUER CES HOUDIS

Publication

**EP 1180563 B1 20040922 (EN)**

Application

**EP 00927250 A 20000511**

Priority

- ES 0000176 W 20000511
- ES 9901042 A 19990517

Abstract (en)

[origin: EP1180563A1] It relates to a process for fabricating vault type slabs or polystyrene with prestressed concrete buttresses, which employing a modified sliding extruding or moulding machine for continuous production on a pre-stress track, fills in and vibrates the concrete on the polystyrene vaults placed on the track. Said vaults have the shape of the top slab buttress cut out in the vault itself, and simultaneously as it concretes it the machine leaves an alveolus in the centre of each buttress. The prefabricated slab thus obtained is fully self supporting with the same thickness as the traditional forging which it replaces. It comprises two concrete buttresses preferably with a double T shape, and by addition on site of a steel containing compression layer, the building floor joist itself is obtained. <IMAGE>

IPC 1-7

**E04B 5/06**; **E04C 2/288**

IPC 8 full level

**E04B 5/04** (2006.01); **E04B 5/36** (2006.01); **E04B 5/38** (2006.01)

CPC (source: EP)

**E04B 5/04** (2013.01); **E04B 5/046** (2013.01); **E04B 5/36** (2013.01); **E04B 5/38** (2013.01)

Cited by

EP2146017A1; NL1026233C2; ES2173028A1; CN100449093C; ITAR20130031A1; CN100427712C; CN100427711C; ITMI20091542A1; CN107327064A

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