

Title (en)

PROCESS FOR FABRICATING IN SITU A LIGHT ALVEOLAR PLATE, PLATE THUS OBTAINED AND ITS APPLICATION TO THE CONSTRUCTION OF HOUSES

Title (de)

HERSTELLUNGSVERFAHREN EINER LEICHTEREN ALVEOLARPLATTE, EINE SOLCHE PLATTE UND DIE VERWENDUNG EINER SOLCHEN PLATTE FÜR DIE KONSTRUKTION VON HÄUSERN

Title (fr)

PROCEDE DE FABRICATION D'UNE PLAQUE ALVEOLAIRE LEGERE MATERIALISEE EN CHANTIER, PLAQUE AINSI OBTENUE ET SON APPLICATION DANS DES LOGEMENTS

Publication

EP 1350898 A1 20031008 (EN)

Application

EP 01929662 A 20010509

Priority

- ES 0100177 W 20010509
- ES 200001219 A 20000516

Abstract (en)

Procedure for the fabrication of light cellular form which, using the same type of sliding concrete moulding machine for continuous production on a prestressing line, precasts a concrete slab of 120 cm in width and having a thickness of about 3 cm, and with 4 or 5 vertical ribs, 2 of which are at the edges. The ribs are about 4 cm in thickness and are finished in a small dovetail at the top; and the two at the edges have the outermost face shaped like the edge of cellular form. Between the concrete ribs, once set, and having the same height, polystyrene fillers are inserted at the factory, said fillers having their upper comers bevelled, in such a way that the concrete of the cell dome, which is poured on site, solidifies on the ribs forming the actual cellular form, with the same thickness as the traditional frame which is replaced and the same properties and applicable standards as the cellular form. <IMAGE>

IPC 1-7

E04B 5/04; **E04C 2/288**

IPC 8 full level

E04B 5/04 (2006.01); **E04B 5/06** (2006.01); **E04B 5/26** (2006.01); **E04B 5/38** (2006.01); **E04C 2/288** (2006.01)

CPC (source: EP)

E04B 5/043 (2013.01); **E04B 5/19** (2013.01); **E04B 5/326** (2013.01); **E04B 5/38** (2013.01); **E04C 2/288** (2013.01)

Citation (search report)

See references of WO 0188297A1

Cited by

EP2325409A1; EP2792806A1; EP2096220A1; CN100449077C; EP1908891A3; GB2413572A; NL2010779C2; ITPR20090097A1; NL2008542C2; CN100449070C; CN102995825A; EP3239425A1; FR3050470A1; ITVI20090287A1; FR3004740A1; EP2072706A1; FR2925544A1; CN100458063C; ITPR20100009A1; CN105201101A; EP2021555B1; EP1605112B1; WO2007137318A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1350898 A1 20031008; AU 5636901 A 20011126; ES 2161199 A1 20011116; ES 2161199 B1 20020701; WO 0188297 A1 20011122

DOCDB simple family (application)

EP 01929662 A 20010509; AU 5636901 A 20010509; ES 0100177 W 20010509; ES 200001219 A 20000516