

Title (en)

System, method and modular forms for the production of floors

Title (de)

System, Verfahren und modulare Körper zur Herstellung von Böden

Title (fr)

Système, méthode et formes modulaires pour la production des planchers

Publication

**EP 1236843 A2 20020904 (EN)**

Application

**EP 01129435 A 20011210**

Priority

IT TO20001159 A 20001213

Abstract (en)

This invention describes a system and a method for the production of floors, based on the use of modular forms (1, 2), in order to form a structure that can contain a concrete cast (5); on the resulting structure there are lightening cavities and seats (D) for suitable reinforcing elements (3), the above-cited seats forming load-bearing ribs or beams, after the positioning of the above-mentioned reinforcing elements (3), the casting of the concrete (5) and its subsequent consolidation. <??>The invention enables to produce floors in reinforced concrete, with parallel unidirectional load-bearing ribs or lacunar elements with load-bearing crossed ribs, suited to comply with the static requirements of all floors of both civil and industrial buildings, in brick or reinforced concrete, and in particular for anti-seismic buildings. <IMAGE>

IPC 1-7

**E04G 11/40**; **E04B 5/32**; **E04G 11/46**

IPC 8 full level

**E04B 5/32** (2006.01); **E04B 5/48** (2006.01); **E04G 11/40** (2006.01)

CPC (source: EP)

**E04B 5/21** (2013.01); **E04B 5/326** (2013.01); **E04B 5/48** (2013.01); **E04G 11/40** (2013.01)

Citation (applicant)

- EP 0803618 A2 19971029 - PONTAROLO VALERIO [IT]
- EP 0969157 A2 20000105 - DALIFORM S R L [IT]

Cited by

RU2634154C2; CN100458059C; RU189191U1; CN102182301A; CN104005559A; EP1564343A1; WO2018122721A1; WO03048471A1; WO2009067723A3; WO2009027628A1; US8943771B2; ES2356546A1; CN103069087A; EA034920B1; US2021268689A1

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 1236843 A2 20020904**; **EP 1236843 A3 20040114**; IT 1320747 B1 20031210; IT TO20001159 A0 20001213; IT TO20001159 A1 20020613

DOCDB simple family (application)

**EP 01129435 A 20011210**; IT TO20001159 A 20001213