

Title (en)

Method for manufacturing a concrete part and reinforcement cage for a part manufactured according to this method

Title (de)

Verfahren zur Herstellung eines Betonteils und Bewehrungskorb für das so hergestellte Teil

Title (fr)

Procédé de réalisation d'une pièce en béton et cage de ferrailage pour pièce ainsi réalisée

Publication

EP 2141300 A3 20100120 (FR)

Application

EP 09173849 A 20041118

Priority

- EP 04805843 A 20041118
- FR 0350857 A 20031118

Abstract (en)

[origin: EP2141300A2] The method involves casting a cement mass (2) in a casing after setting a reinforcing housing (3) in the mass, to fabricate a slab (1). The housing has lower longitudinal frameworks (31) and upper longitudinal frameworks (31) connected with each other. Each framework (31) has locking parts (43, 43) supported in the mass at respective locking zones (B, B) formed inside the slab, in direction opposite to absorbed tensile stress. An independent claim is also included for a reinforced concrete piece comprising a reinforcing housing.

IPC 8 full level

E04C 5/06 (2006.01)

CPC (source: EP KR)

E04C 1/00 (2013.01 - KR); **E04C 5/01** (2013.01 - KR); **E04C 5/06** (2013.01 - EP KR); **E04C 5/0604** (2013.01 - EP); **E04C 5/065** (2013.01 - KR)

Citation (search report)

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- [X] GB 410866 A 19340531 - ROBERT HOPEWELL
- [X] EP 1191163 A1 20020327 - SOC CIV D BREVETS MATIERE [FR]
- [A] US 887863 A 19080519 - SPAULDING EDGAR N [US], et al
- [A] US 3825465 A 19740723 - STOCK R

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

EP 2141300 A2 20100106; EP 2141300 A3 20100120; EP 2141300 B1 20140305; AT E452255 T1 20100115; AU 2004291708 A1 20050602; AU 2004291708 B2 20100527; DE 602004024707 D1 20100128; DK 1689951 T3 20100426; EP 1689951 A1 20060816; EP 1689951 B1 20091216; ES 2338235 T3 20100505; FR 2862323 A1 20050520; FR 2862323 B1 20060310; JP 2007511689 A 20070510; JP 4709767 B2 20110622; KR 20060129218 A 20061215; MA 28165 A1 20060901; PT 1689951 E 20100316; TN SN06144 A1 20071115; WO 2005049934 A1 20050602

DOCDB simple family (application)

EP 09173849 A 20041118; AT 04805843 T 20041118; AU 2004291708 A 20041118; DE 602004024707 T 20041118; DK 04805843 T 20041118; EP 04805843 A 20041118; ES 04805843 T 20041118; FR 0350857 A 20031118; FR 2004050600 W 20041118; JP 2006540557 A 20041118; KR 20067011917 A 20060616; MA 29036 A 20060517; PT 04805843 T 20041118; TN SN06144 A 20060517