

Title (en)

CONCRETE ARTICLE COMPRISING A SURFACE WITH LOW OPEN-POROSITY

Title (de)

BETONARTIKEL MIT EINER OBERFLÄCHE MIT GERINGER OFFENER POROSITÄT

Title (fr)

ARTICLE DE BÉTON COMPRENANT UNE SURFACE AVEC UNE FAIBLE POROSITÉ OUVERTE

Publication

EP 2603471 A1 20130619 (EN)

Application

EP 11740942 A 20110809

Priority

- FR 1056547 A 20100811
- EP 2011063677 W 20110809

Abstract (en)

[origin: WO2012020012A1] The invention relates to an article comprising an element made of a high performance concrete or an ultra high performance concrete, said element comprising a surface; and particles of calcium dihydroxide covering more than 60 % of the surface. It also relates to a process for the preparation of such an article comprising the coating walls of a mould with a demoulding composition comprising an aqueous solution comprising at least 1 % of a surfactant, introducing the concrete in the fresh state in the mould; and removing the article from the mould after the concrete sets.

IPC 8 full level

C04B 41/45 (2006.01); **C04B 41/50** (2006.01)

CPC (source: EP)

B28B 7/38 (2013.01); **B28B 7/384** (2013.01); **C04B 28/04** (2013.01); **C04B 2111/00413** (2013.01); **C04B 2111/2069** (2013.01); **Y02W 30/91** (2015.05)

C-Set (source: EP)

C04B 28/04 + **C04B 14/06** + **C04B 14/062** + **C04B 14/28** + **C04B 18/146** + **C04B 40/0263** + **C04B 2103/32**

Citation (search report)

See references of WO 2012020012A1

Citation (examination)

MARIE PAR ET AL: "THESE EN COTUTELLE Spécialité : génie civil ÉTUDE DE LA TEXTURE DE LA SURFACE COFFRÉE DES PAREMENTS VERTICAUX EN BÉTON", 1 January 2000 (2000-01-01), XP055099918, Retrieved from the Internet <URL:http://biblioweb.u-cergy.fr/theses/07CERG0358.pdf> [retrieved on 20140203]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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