

Title (en)

BUILDING MATERIAL MIXTURE AND A METHOD FOR PRODUCING

Title (de)

BAUSTOFFMISCHUNG SOWIE EIN VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

MÉLANGES DE MATÉRIAUX DE CONSTRUCTION, LEUR PROCÉDÉ DE FABRICATION

Publication

**EP 2782884 A1 20141001 (DE)**

Application

**EP 12784298 A 20121115**

Priority

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Abstract (en)

[origin: EP2597073A1] Photocatalytic building material mixture comprises a dry mixture of a finely divided photocatalyst and a pozzolanic carrier exhibiting a spherical or rounded grain shape having a grain size of 0.1  $\mu\text{m}$  to 1 mm, where the photocatalyst is at least partly distributed on the surface of the carrier. Independent claims are also included for: (1) preparing the photocatalytic building material mixture, comprising producing the above mentioned dry mixture, and processing the photocatalyst and the carrier using an intensive mixer to the building material mixture; and (2) a concrete component comprising the above mentioned building material mixture.

IPC 8 full level

**C04B 14/30** (2006.01); **C04B 20/10** (2006.01); **C04B 28/04** (2006.01); **C04B 40/00** (2006.01)

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**EP 2597073 A1 20130529**; AU 2012342667 A1 20140522; AU 2012342667 B2 20150806; BR 112014011466 A2 20170509; CA 2854068 A1 20130530; CN 103998391 A 20140820; CN 103998391 B 20161012; DE 212012000163 U1 20140402; EP 2782884 A1 20141001; JP 2014533644 A 20141215; KR 101916081 B1 20190128; KR 20140096069 A 20140804; MX 2014006012 A 20150320; MY 165509 A 20180328; RU 2014125059 A 20151227; RU 2594031 C2 20160810; SG 11201402185Y A 20140926; US 2014329670 A1 20141106; US 9296652 B2 20160329; WO 2013076014 A1 20130530

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