

Title (en)  
PHOTOVOLTAIC CONCRETE, PRODUCTION METHOD THEREOF AND CONSTRUCTION ELEMENT COMPRISING SUCH CONCRETE

Title (de)  
FOTOVOLTAISCHER BETON, HERSTELLUNGSVERFAHREN DAFÜR UND BAUELEMENT MIT SOLCH EINEM BETON

Title (fr)  
BETON PHOTOVOLTAÏQUE, SON PROCEDE DE FABRICATION ET ELEMENT DE CONSTRUCTION COMPRENANT UN TEL BETON

Publication  
**EP 3154919 A1 20170419 (FR)**

Application  
**EP 15727958 A 20150605**

Priority  
• FR 1455388 A 20140613  
• EP 2015062541 W 20150605

Abstract (en)  
[origin: WO2015189096A1] The invention relates to concrete with a smooth surface, coated completely or partially with a polymer film obtained by means of radiation-induced polymerisation, said film in turn being coated completely or partially with a thin photovoltaic film.

IPC 8 full level  
**C04B 41/52** (2006.01); **C04B 41/45** (2006.01); **C04B 41/71** (2006.01); **C23C 14/00** (2006.01); **C23C 14/06** (2006.01); **C23C 14/20** (2006.01); **H01L 31/0236** (2006.01); **H01L 31/0392** (2006.01); **H02S 20/26** (2014.01); **C04B 111/00** (2006.01)

CPC (source: EP US)  
**C04B 41/009** (2013.01 - EP US); **C04B 41/4888** (2013.01 - US); **C04B 41/5111** (2013.01 - US); **C04B 41/5138** (2013.01 - US); **C04B 41/52** (2013.01 - EP US); **C04B 41/71** (2013.01 - EP US); **C23C 14/024** (2013.01 - US); **C23C 14/025** (2013.01 - EP US); **C23C 14/0623** (2013.01 - EP US); **C23C 14/0629** (2013.01 - US); **C23C 14/24** (2013.01 - EP US); **C23C 14/243** (2013.01 - US); **H01L 31/0326** (2013.01 - EP US); **H01L 31/0392** (2013.01 - EP US); **H01L 31/072** (2013.01 - EP US); **H01L 31/18** (2013.01 - US); **H02S 20/26** (2014.12 - EP US); **C04B 2111/00844** (2013.01 - EP US); **Y02B 10/10** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015189096A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015189096 A1 20151217**; CA 2951332 A1 20151217; EP 3154919 A1 20170419; FR 3022240 A1 20151218; MA 39974 A 20151217; US 2017141719 A1 20170518

DOCDB simple family (application)  
**EP 2015062541 W 20150605**; CA 2951332 A 20150605; EP 15727958 A 20150605; FR 1455388 A 20140613; MA 39974 A 20150605; US 201515318196 A 20150605