

Title (en)  
WATER RESISTANT CEILING TILE

Title (de)  
WASSERBESTÄNDIGE DECKENFLIESE

Title (fr)  
TUILE DE PLAFOND RÉSISTANT À L'EAU

Publication  
**EP 2630312 A1 20130828 (EN)**

Application  
**EP 10858737 A 20101018**

Priority  
US 2010052988 W 20101018

Abstract (en)  
[origin: WO2012054014A1] A ceiling tile comprising a core, an appearance coating on a face side of the tile, and a waterproof coating on a backside of the tile, the core including a filler, binder, and fiber elements dried from a water based slurry or paste of said elements, the core being water permeable and containing a non-white stain producing material susceptible to being leached out of the core by water percolating through the core, the appearance coating exhibiting a high light reflectivity by virtue of containing a white colored constituent and being pervious to water, the waterproof coating serving to repel and bead- up water droplets deposited on the backside of the tile.

IPC 8 full level  
**E04C 2/26** (2006.01); **C09D 5/08** (2006.01); **E04B 9/04** (2006.01)

CPC (source: EP US)  
**C09D 5/00** (2013.01 - EP US); **E04B 9/04** (2013.01 - US); **E04B 9/045** (2013.01 - EP US); **Y10T 428/273** (2015.01 - EP US); **Y10T 428/3154** (2015.04 - EP US)

Designated contracting state (EPC)  
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**WO 2012054014 A1 20120426**; AU 2010362657 A1 20130418; BR 112013008123 A2 20171010; CA 2813558 A1 20120426; CN 103154400 A 20130612; CN 103154400 B 20151216; EP 2630312 A1 20130828; EP 2630312 A4 20141029; HK 1181830 A1 20131115; JP 2013544990 A 20131219; JP 5740001 B2 20150624; MX 2013003872 A 20130628; RU 2013120405 A 20141127; RU 2552268 C2 20150610; US 2013196151 A1 20130801

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