

Title (en)  
AIR VOID-FORMING MATERIAL FOR CEMENTITIOUS SYSTEMS

Title (de)  
LUFTPORENBILDNER FÜR ZEMENTÖSE SYSTEME

Title (fr)  
ENTRAÎNEUR D'AIR POUR SYSTÈMES À BASE DE CIMENT

Publication  
**EP 2906513 A1 20150819 (DE)**

Application  
**EP 13779785 A 20131014**

Priority  
• EP 12188533 A 20121015  
• EP 2013071423 W 20131014  
• EP 13779785 A 20131014

Abstract (en)  
[origin: WO2014060352A1] An air void-forming agent, more particularly for cementitious systems, contains at least one air void-forming material with foaming effect, at least one air void-forming material with defoaming effect, and water.

IPC 8 full level  
**C04B 28/02** (2006.01); **C09K 23/00** (2022.01); **C04B 40/00** (2006.01); **C04B 103/30** (2006.01)

CPC (source: EP US)  
**C04B 28/02** (2013.01 - EP US); **C04B 38/10** (2013.01 - US); **C04B 40/0039** (2013.01 - EP US); **C09K 23/00** (2022.01 - EP US); **C09K 23/017** (2022.01 - US); **C04B 2103/304** (2013.01 - EP US); **C04B 2103/50** (2013.01 - US)

Citation (search report)  
See references of WO 2014060352A1

Citation (examination)  
• US 6358310 B1 20020319 - BERKE NEAL S [US], et al  
• JP S61270247 A 19861129 - SANYO KOKUSAKU PULP CO  
• JP 2012210604 A 20121101 - DAIKIN IND LTD  
• WO 2011149714 A1 20111201 - GRACE W R & CO [US], et al

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CN106588116A

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 2014060352 A1 20140424**; EP 2906513 A1 20150819; JP 2016500720 A 20160114; JP 6491599 B2 20190327; US 10300442 B2 20190528; US 2015231585 A1 20150820

DOCDB simple family (application)  
**EP 2013071423 W 20131014**; EP 13779785 A 20131014; JP 2015536175 A 20131014; US 201314426068 A 20131014