

Title (en)

MODIFICATION OF POZZOLANIC CHEMISTRY AT PRODUCTION PLANT

Title (de)

MODIFIKATION VON PUZZOLANCHEMIE IN EINER PRODUKTIONSANLAGE

Title (fr)

MODIFICATION DE CHIMIE POZZOLANIQUE AU NIVEAU D'USINE DE PRODUCTION

Publication

EP 2536669 A4 20130123 (EN)

Application

EP 11745283 A 20110217

Priority

- US 32474110 P 20100415
- US 30542310 P 20100217
- US 2011025348 W 20110217

Abstract (en)

[origin: WO2011103371A2] Modified pozzolans and methods for making modified pozzolans that have desired chemical characteristics. The desired chemical characteristics are achieved by introducing one or more supplementary materials into the production plant that produces the pozzolans (e.g., usually as a waste material such as fly ash or slag). The supplementary material is incorporated into the pozzolan during its formation in the production plant and becomes an integral chemical constituent of the pozzolan. By forming the pozzolan with the desired characteristics in the production plant, the pozzolan can have optimal performance when blended with Portland cement for use in concrete.

IPC 8 full level

C04B 18/08 (2006.01); **C04B 7/26** (2006.01); **C04B 28/04** (2006.01); **F23J 7/00** (2006.01); **F23J 15/00** (2006.01)

CPC (source: EP)

C04B 18/08 (2013.01); **C04B 18/084** (2013.01); **C04B 28/04** (2013.01); **Y02W 30/91** (2015.05)

Citation (search report)

- [X] NL 8800253 A 19890901 - STICHTING ENERGIE
- [X] FR 990741 A 19510925 - BIACHE TRIEF
- [A] EP 0847966 A1 19980617 - OF ADMINISTRATIVE SERVICE THE [CN]
- [X] DATABASE EPODOC [online] EUROPEAN PATENT OFFICE, THE HAGUE, NL; 14 May 2003 (2003-05-14), XP002688637, Database accession no. CN1417151 & CN 1417151 A 20030514 - UNIV DALIAN SCIENCE & ENG [CN] & DATABASE WPI Week 200355, Derwent World Patents Index; AN 2003-578377, XP002688638
- [X] DATABASE EPODOC [online] EUROPEAN PATENT OFFICE, THE HAGUE, NL; 3 January 2007 (2007-01-03), XP002688639, Database accession no. CN1887769 & CN 1887769 A 20070103 - GE DONGHAI [CN]
- See references of WO 2011103371A2

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

DOCDB simple family (publication)

WO 2011103371 A2 20110825; **WO 2011103371 A3 20111222**; EP 2536669 A2 20121226; EP 2536669 A4 20130123

DOCDB simple family (application)

US 2011025348 W 20110217; EP 11745283 A 20110217