

Title (en)  
CONCRETE WITH LOW CLINKER CONTENT

Title (de)  
BETON MIT GERINGEM KLINKERANTEIL

Title (fr)  
BETON A FAIBLE TENEUR EN CLINKER

Publication  
**EP 2195279 A2 20100616 (FR)**

Application  
**EP 08858492 A 20080924**

Priority  
• IB 2008003968 W 20080924  
• FR 0706703 A 20070925

Abstract (en)  
[origin: FR2921358A1] Premix dry binder (I) comprises: clinker (A) (15-40%, preferably 20-35%) in the form of grains with a volume particle size (Dv)97 of = 30 µm; binder materials (B) (8-35%, preferably 15-30%) different from the clinker; and complementary materials (C) (30-70%, preferably 35-65%) with a Dv90 of = 200 µm. Independent claims are included for: (1) a dry binder mixture (II) comprising, 5-30%, preferably 10-20% of (I); and 70-95%, preferably 80-90% of granulates; (2) a wet concrete composition comprising 5-30%, preferably 10-20% of (I); and 70-95%, preferably 80-90% of granulates, where the percentages are corresponding to proportions compared to the total dry mass; (3) a hardened concrete object obtained using (I); and (4) the preparation of the wet concrete composition comprising mixing the ingredients of the composition with water; or mixing of premixture of (I) with granulates and water.

IPC 8 full level  
**C04B 7/52** (2006.01); **C04B 28/02** (2006.01); **C04B 40/00** (2006.01)

CPC (source: EP US)  
**C04B 7/52** (2013.01 - EP US); **C04B 28/04** (2013.01 - EP US); **C04B 28/14** (2013.01 - EP US); **Y02P 40/10** (2015.11 - EP US); **Y02W 30/91** (2015.05 - EP US)

Citation (search report)  
See references of WO 2009074886A2

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

DOCDB simple family (publication)  
**FR 2921358 A1 20090327**; **FR 2921358 B1 20101001**; BR PI0817706 A2 20150331; CN 101801876 A 20100811; CN 101801876 B 20130424; EP 2195279 A2 20100616; EP 2562149 A2 20130227; EP 2562149 A3 20171011; EP 2562149 B1 20210602; ES 2883122 T3 20211207; JP 2010540383 A 20101224; KR 101523795 B1 20150528; KR 20100081297 A 20100714; PL 2562149 T3 20211115; RU 2010116157 A 20111110; SA 08290602 B1 20121201; US 2010294171 A1 20101125; US 8246739 B2 20120821; WO 2009074886 A2 20090618; WO 2009074886 A3 20091015

DOCDB simple family (application)  
**FR 0706703 A 20070925**; BR PI0817706 A 20080924; CN 200880107343 A 20080924; EP 08858492 A 20080924; EP 12186918 A 20080924; ES 12186918 T 20080924; IB 2008003968 W 20080924; JP 2010526395 A 20080924; KR 20107006394 A 20080924; PL 12186918 T 20080924; RU 2010116157 A 20080924; SA 08290602 A 20080922; US 67954208 A 20080924