

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
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• 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 μ m; 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 μ m. 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)

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