

Title (en)
DRY ADDITIVE FOR HYDRAULIC BINDERS

Title (de)
TROCKENES ZUSATZMITTEL FÜR HYDRAULISCHE BINDEMITTEL

Title (fr)
ADDITIF SEC POUR LIANTS HYDRAULIQUES

Publication
EP 1699745 A1 20060913 (DE)

Application
EP 04805025 A 20041223

Priority
• EP 2004053698 W 20041223
• EP 03029596 A 20031223
• EP 04805025 A 20041223

Abstract (en)
[origin: EP1547985A1] The hydraulic bonding agent for adding to a dry material, e.g. water for Portland cement, is in a dry condition as a liquid additive (1) within a micro-pore carrier (2), with a pore diameter of 3-10Å and preferably 4-8Å, to migrate into the dry cement in the required formulation for the composition (3) to be bonded together. The additive can also be used to prepare a mortar for the repair of concrete. The liquid contents can also contain an anti-corrosion agent to protect the concrete reinforcement rods (4).

IPC 8 full level
C04B 20/10 (2006.01); **C04B 28/02** (2006.01); **C04B 28/04** (2006.01)

CPC (source: EP US)
C04B 14/047 (2013.01 - EP US); **C04B 20/10** (2013.01 - EP US); **C04B 28/02** (2013.01 - EP US); **C04B 28/04** (2013.01 - EP US); **C04B 2111/723** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP US)

C-Set (source: EP US)
1. **C04B 20/10 + C04B 14/047**
2. **C04B 28/04 + C04B 14/047**
3. **C04B 14/047 + C04B 20/1018**
4. **C04B 28/02 + C04B 14/047 + C04B 14/104 + C04B 18/08 + C04B 22/0026 + C04B 22/064 + C04B 22/10 + C04B 22/142 + C04B 38/10 + C04B 40/0028 + C04B 2103/10 + C04B 2103/46 + C04B 2103/50**

Citation (search report)
See references of WO 2005063647A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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