

Title (en)

A METHOD OF SLOWING THE SETTING RATE OF MAGNESIUM PHOSPHATE CEMENTS

Title (de)

VERFAHREN ZUR VERLANGSAMEN DER ABBINDEGESCHWINDIGKEIT VON MAGNESIUM PHOSPHAT ZEMENTE

Title (fr)

PROCEDE DE RALENTISSEMENT DE LA VITESSE DE PRISE DES CEMENTS AU PHOSPHATE DE MAGNESIUM

Publication

**EP 0830325 A4 19990721 (EN)**

Application

**EP 96911867 A 19960509**

Priority

- AU 9600284 W 19960509
- AU PN291195 A 19950510

Abstract (en)

[origin: WO9635647A1] A method for slowing the setting rate of a magnesium phosphate cement comprising adding a suitable base to an uncured or partially cured aqueous mix of the magnesium phosphate cement in an amount sufficient to raise the pH and minimise MgO/Mg(OH)<sub>2</sub> dissolution. Suitable magnesium phosphate cements include ammonium magnesium phosphate cements and potassium magnesium phosphate cements.

IPC 1-7

**C04B 9/04**; **C04B 12/02**; **C04B 22/06**; **C04B 22/10**; **C04B 28/30**; **C04B 28/34**

IPC 8 full level

**C04B 9/04** (2006.01); **C04B 12/02** (2006.01); **C04B 28/30** (2006.01); **C04B 28/34** (2006.01)

CPC (source: EP KR)

**C04B 9/04** (2013.01 - KR); **C04B 12/02** (2013.01 - KR); **C04B 22/06** (2013.01 - KR); **C04B 22/10** (2013.01 - KR); **C04B 28/34** (2013.01 - EP); **C04B 2103/0094** (2013.01 - EP); **C04B 2103/22** (2013.01 - EP)

Citation (search report)

- [X] US 4436555 A 19840313 - SUGAMA TOSHIFUMI [US], et al
- [X] US 4756762 A 19880712 - WEILL ED [US], et al
- See references of WO 9635647A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**WO 9635647 A1 19961114**; AU PN291195 A0 19950601; EP 0830325 A1 19980325; EP 0830325 A4 19990721; JP H11505204 A 19990518; KR 19990014664 A 19990225

DOCDB simple family (application)

**AU 9600284 W 19960509**; AU PN291195 A 19950510; EP 96911867 A 19960509; JP 53360696 A 19960509; KR 19970708005 A 19971110