

Title (en)
CEMENT COMPOSITION

Title (de)
ZEMENTZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE CIMENT

Publication
EP 0879216 A1 19981125 (DE)

Application
EP 97945655 A 19971121

Priority
• AT 9700256 W 19971121
• AT 208296 A 19961129

Abstract (en)
[origin: WO9823550A1] The cement composition contains a) 10 - 35 wt.% cement, in particular portland cement b) 65 - 90 wt.% of a synthetic puzzolan, which was obtained by at least partial reduction of residues of combustion with a SiO₂/CaO ratio > 1, like for example garbage incineration dross, and contains alkali oxide (Na₂O and K₂O) in quantities of over 1.5 wt.%, c) an activator for reducing the positive surface potential of the synthetic puzzolan, like for example anion-active or anionic tensides, in particular sulfonates.

IPC 1-7
C04B 7/13; **C04B 28/02**

IPC 8 full level
C04B 7/13 (2006.01); **C04B 24/16** (2006.01); **C04B 28/02** (2006.01)

CPC (source: EP US)
C04B 7/13 (2013.01 - EP US); **C04B 24/16** (2013.01 - EP US); **C04B 28/02** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP US); **Y10S 106/01** (2013.01 - EP US)

C-Set (source: EP US)
1. **C04B 28/02** + **C04B 18/10** + **C04B 24/18**
2. **C04B 28/02** + **C04B 18/10** + **C04B 24/226**
3. **C04B 28/02** + **C04B 18/10** + **C04B 2103/402**
4. **C04B 24/16** + **C04B 2103/00**

Citation (search report)
See references of WO 9823550A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IE IT LI LU NL SE

DOCDB simple family (publication)
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