

Title (en)
PORTLAND CEMENT CLINKER AND USE THEREOF

Title (de)
PORTLANDZEMENTKLINKER UND DESSEN VERWENDUNG

Title (fr)
CLINKER DE CIMENT PORTLAND ET SON UTILISATION

Publication
EP 0793625 A1 19970910 (DE)

Application
EP 95936947 A 19951117

Priority
• DE 9501621 W 19951117
• DE 4441614 A 19941123

Abstract (en)
[origin: DE4441614C1] Portland cement clinker contains (i) a clinker phase (in wt.%) comprising 40-80 (3CaO.SiO₂), less than 20 (4CaO.Al₂O₃), less than 30 (2CaO.SiO₂), and less than 20 (3CaO.Al₂O₃); and (ii) 1.0-3.0 wt.%SO₃. The clinker is obtd. by calcining a mixt. contg. CaO, SiO₂, Al₂O₃ and Fe₂O₃ by adding an additive contg. SO₃ at 120-1350 deg C.

IPC 1-7
C04B 7/04

IPC 8 full level
C04B 7/04 (2006.01); **C04B 7/02** (2006.01)

CPC (source: EP US)
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Citation (search report)
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Designated contracting state (EPC)
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DE 4441614 C1 19960404; AU 3922395 A 19960617; CA 2205839 A1 19960530; CN 1173165 A 19980211; CZ 151997 A3 19970917; EP 0793625 A1 19970910; HU T77272 A 19980302; JP H10512841 A 19981208; PL 320346 A1 19970929; US 5851282 A 19981222; WO 9615996 A1 19960530

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