

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.SiO<sub>2</sub>), less than 20 (4CaO.Al<sub>2</sub>O<sub>3</sub>), less than 30 (2CaO.SiO<sub>2</sub>), and less than 20 (3CaO.Al<sub>2</sub>O<sub>3</sub>); and (ii) 1.0-3.0 wt.%SO<sub>3</sub>. The clinker is obtd. by calcining a mixt. contg. CaO, SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub> and Fe<sub>2</sub>O<sub>3</sub> by adding an additive contg. SO<sub>3</sub> 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)

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