

Title (en)
SLAG CEMENT

Title (de)
SCHLACKENZEMENT

Title (fr)
CIMENT DE LAITIER

Publication
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Application
EP 01986294 A 20011004

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Abstract (en)
[origin: WO0228794A2] The invention relates to a slag cement having an improved early strength and containing aluminosilicates, blast furnace slag, clinker and CaSO₄. The inventive slag cement is characterized by comprising a content of 70 to 95 wt. % blast furnace slag provided in ground form with > 4500 Blaine (cm²/g), whereby up to half of this proportion can be substituted by aluminosilicates such as fly ash, alumina, marl or the like. The slag cement also comprises 0.1 to 2 wt. % clinker, sulfate provided in quantities of less than 5 wt. %, calculated as SO₃, and 0.3 to 1 wt. % of a superliquifier such as naphthalene sulfonate.

IPC 1-7
C04B 7/21

IPC 8 full level
C04B 7/21 (2006.01); **C04B 28/08** (2006.01)

CPC (source: EP US)
C04B 7/21 (2013.01 - EP US); **C04B 28/08** (2013.01 - EP US); **Y02P 40/10** (2015.11 - EP US); **Y02W 30/91** (2015.05 - EP US)

C-Set (source: EP US)
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Citation (search report)
See references of WO 0228794A2

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WO 0228794 A2 20020411; **WO 0228794 A3 20020725**; AU 2002222355 B2 20051124; AU 2235502 A 20020415; BR 0114402 A 20030729; CA 2423670 A1 20030326; CA 2423670 C 20090203; CZ 20031121 A3 20030917; CZ 297972 B6 20070509; EP 1322569 A2 20030702; ES 2208146 T1 20040616; HU P0301285 A2 20031028; HU P0301285 A3 20040528; MX PA03002960 A 20041206; SK 286170 B6 20080407; SK 3062003 A3 20031104; US 2003167972 A1 20030911; US 6776839 B2 20040817; ZA 200302476 B 20040630

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