

Title (en)

METHOD AND APPARATUS FOR MANUFACTURING CEMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON ZEMENT

Title (fr)

PROCÉDÉ ET APPAREIL DE FABRICATION DE CIMENT

Publication

EP 3148954 A4 20180328 (EN)

Application

EP 15799132 A 20150527

Priority

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Abstract (en)

[origin: WO2015181447A1] The object of the invention is a method and an apparatus for manufacturing cement, in which method additives and/or agents, such as fly ash, the particles (21) of which are smaller in grain size than the cement particles (22) of the cement powder, are added to ground clinker material. In conjunction with the cement manufacturing process, fly ash precisely graded by grain size is added to the cement powder ground from clinker material after grinding, said fly ash comprising approx. 20-80% essentially round fly ash particles.

IPC 8 full level

C04B 28/04 (2006.01); **C04B 7/26** (2006.01); **C04B 18/08** (2006.01)

CPC (source: EP FI)

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C-Set (source: EP)

C04B 28/04 + C04B 18/08 + C04B 20/008

Citation (search report)

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- [X] US 5772752 A 19980630 - LISKOWITZ JOHN W [US], et al
- [X] RUKZON S ET AL: "Strength and chloride resistance of blended Portland cement mortar containing palm oil fuel ash and fly ash", INTERNATIONAL JOURNAL OF MINERALS, METALLURGY AND MATERIALS, BEIJING KEJI DAXUE, CN, vol. 16, no. 4, 1 August 2009 (2009-08-01), pages 475 - 481, XP026498019, ISSN: 1674-4799, [retrieved on 20090801], DOI: 10.1016/S1674-4799(09)60083-2
- See references of WO 2015181447A1

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