

Title (en)

APPARATUS AND PROCESS FOR THE DRY-HYDRATION OF CALCIUM OXIDE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR TROCKENHYDRIERUNG VON CALCIUMOXID

Title (fr)

APPAREIL ET PROCÉDÉ POUR L'HYDRATATION D'OXYDE DE CALCIUM À SEC

Publication

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Application

EP 13863554 A 20131212

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Abstract (en)

[origin: WO2014091081A1] The present invention relates to equipment that is suitable for the dry hydration of calcium oxide particles, containing a calcium oxide pre-treatment section, a processing space that is suitable for the completion of the slaking reaction, and optionally one or more auxiliary parts, particularly for facilitating the runnability and controllability of the equipment. The invention also relates to a process that utilizes said equipment.

IPC 8 full level

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Citation (search report)

- [X] WO 2012080565 A1 20120621 - FRACTIVATOR OY [FI], et al
- [A] US 4636379 A 19870113 - BESTEK HEINZ [DE], et al
- [A] US 807609 A 19051219 - ELLIS CARLETON [US]
- [A] RU 2197442 C2 20030127 - KHVOSTENKOV SERGEJ IVANOVICH
- See references of WO 2014091081A1

Designated contracting state (EPC)

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