

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

EP 2931674 A1 20151021 (EN)

Application

EP 13863554 A 20131212

Priority

- FI 20126295 A 20121212
- FI 2013051160 W 20131212

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

C04B 2/04 (2006.01); **B02C 13/00** (2006.01); **B02C 23/18** (2006.01); **C01F 11/02** (2006.01); **C04B 2/08** (2006.01)

CPC (source: EP FI)

B02C 13/00 (2013.01 - FI); **B02C 23/18** (2013.01 - FI); **C01F 11/02** (2013.01 - FI); **C04B 2/04** (2013.01 - EP FI); **C04B 2/08** (2013.01 - EP FI); **C01P 2004/50** (2013.01 - FI)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014091081 A1 20140619; EP 2931674 A1 20151021; EP 2931674 A4 20160720; FI 20126295 A 20140613

DOCDB simple family (application)

FI 2013051160 W 20131212; EP 13863554 A 20131212; FI 20126295 A 20121212