

Title (en)

Colloidal mixer and method, in particular for preparing building materials

Title (de)

Kolloidalmischer und Verfahren, insbesondere zur Aufbereitung von Baustoffen

Title (fr)

Mélangeur colloïdal et procédé, notamment pour la préparation de matériaux de construction

Publication

EP 2363200 A3 20130501 (DE)

Application

EP 10015727 A 20101216

Priority

DE 202010003100 U 20100303

Abstract (en)

[origin: EP2363200A2] The mixer has drives (40, 50) for operating a pre-mixing device (20) and a dispersion device (30) that are arranged in a mixing trough (10). The pre-mixing device and the dispersion device are rotationally-decoupled, where the pre-mixing device is arranged above the dispersion device. One of the drives is arranged partially below the dispersion device, and the other drive is arranged partially above the pre-mixing device. The former drive exhibits a hollow shaft by which a drive shaft of the latter drive is passed-through.

IPC 8 full level

B01F 27/91 (2022.01)

CPC (source: EP)

B01F 27/1123 (2022.01); **B01F 27/1124** (2022.01); **B01F 27/2322** (2022.01); **B01F 27/90** (2022.01); **B01F 27/91** (2022.01); **B01F 33/82** (2022.01); **B01F 2101/28** (2022.01)

Citation (search report)

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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)

DE 202010003100 U1 20100512; EP 2363200 A2 20110907; EP 2363200 A3 20130501; EP 2363200 B1 20160928

DOCDB simple family (application)

DE 202010003100 U 20100303; EP 10015727 A 20101216