

Title (en)

Mixer with stationary container in which the stirring assembly has a lid above the axis of rotation.

Title (de)

Planetenmischer mit feststehendem Behälter in welchem das Rührwerk eine mitdrehende Abdeckung über der Drehachse aufweist.

Title (fr)

Malaxeur à cuve fixe dans lequel le train de malaxage comprend un couvercle tournant audessus de l'axe de rotation

Publication

**EP 1815906 B1 20080409 (FR)**

Application

**EP 07370002 A 20070125**

Priority

FR 0600919 A 20060201

Abstract (en)

[origin: EP1815906A1] The mixer (1) with a fixed drum (2) for materials to be mixed, such as cement and sand, has a mixing assembly (3) driven by a motor and reduction gear (23) and comprising a rotary shaft (9) and at least one arm (4) with mixing blades (5). It differs by having a sealed cover inside the drum (13) to protect the end of the shaft (9) and its hub (10). The drum is also equipped with a series of fixed nozzles (70) for spraying a liquid under pressure to clean the mixing assembly, including the shaft end cover (13) as it is rotated. The hub (10) is in the form of a tube (40) with a shoulder (41) at one end for fixing to the inner wall of the drum, and an interior containing bearings (42) to guide the rotary shaft.

IPC 8 full level

**B01F 29/83** (2022.01)

CPC (source: EP)

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Cited by

CN108657422A; ITPG20130015A1; CN111645192A; CN106983395A; CN107557206A; US9796111B2; WO2014170827A1

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