

Title (en)
DEVICE FOR THE CONTINUOUS TREATMENT OF AT LEAST ONE RAW MATERIAL, TREATMENT INSTALLATION AND USE OF SUCH A DEVICE

Title (de)
VORRICHTUNG ZUR KONTINUIERLICHEN BEHANDLUNG VON MINDESTENS EINEM ROHMATERIAL, AUFBEREITUNGSANLAGE UND VERWENDUNG EINER SOLCHEN VORRICHTUNG

Title (fr)
DISPOSITIF DE TRAITEMENT EN CONTINU D'AU MOINS UNE MATIERE PREMIERE, INSTALLATION DE TRAITEMENT ET UTILISATION D'UN TEL DISPOSITIF

Publication
EP 2673075 B1 20150610 (FR)

Application
EP 12703785 A 20120208

Priority
• FR 1151017 A 20110209
• EP 2012052133 W 20120208

Abstract (en)
[origin: WO2012107491A1] The continuous treatment device (10) comprises a tank (11) of elongated shape and that determines a mixing chamber (15) which comprises, at a first end, at least one inlet orifice (12) for the raw material and, at a second end, at least one outlet orifice (13) for the treated material, and also, between these orifices, at least one agitator shaft (16) equipped with blades (17) suitable for continuously mixing and advancing the material in the mixing chamber (15) from the inlet orifice to the outlet orifice. The device also comprises a mixing screw (25) in the bottom of the tank, which is positioned in the mixing chamber (15), below and parallel to said at least one shaft (16), and which is suitable for being rotated, about at least one direction of rotation, the opposite way from the advance of the material from the inlet orifice (12) to the outlet orifice (13).

IPC 8 full level
B01F 23/30 (2022.01)

CPC (source: EP US)
B01F 27/0721 (2022.01 - EP US); **B01F 27/0726** (2022.01 - EP US); **B01F 27/091** (2022.01 - EP US); **B01F 27/191** (2022.01 - EP US); **B01F 27/2322** (2022.01 - EP US); **B01F 27/62** (2022.01 - EP US); **B01F 27/702** (2022.01 - EP US); **B01F 27/725** (2022.01 - EP US); **B01F 33/824** (2022.01 - EP US); **B01F 35/752** (2022.01 - EP US); **B01F 23/30** (2022.01 - EP US); **B01F 23/50** (2022.01 - EP US)

Cited by
CN105536593A

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

DOCDB simple family (publication)
FR 2971170 A1 20120810; **FR 2971170 B1 20140704**; CL 2013002306 A1 20140221; DK 2673075 T3 20150629; EP 2673075 A1 20131218; EP 2673075 B1 20150610; US 2013308412 A1 20131121; US 9675945 B2 20170613; WO 2012107491 A1 20120816

DOCDB simple family (application)
FR 1151017 A 20110209; CL 2013002306 A 20130808; DK 12703785 T 20120208; EP 12703785 A 20120208; EP 2012052133 W 20120208; US 201213984113 A 20120208