

Title (en)

AGITATING MEMBER AND AGITATING DEVICE FOR CREATING A CURRENT IN A WASTEWATER TREATMENT BASIN

Title (de)

RÜHRKÖRPER UND RÜHRVORRICHTUNG ZUM ERZEUGEN EINER STRÖMUNG IN EINEM ABWASSERBEHANDLUNGSBECKEN

Title (fr)

CORPS D'AGITATION ET DISPOSITIF D'AGITATION POUR PRODUIRE UN COURANT DANS UN BASSIN DE TRAITEMENT DES EAUX USÉES

Publication

EP 3079800 A1 20161019 (DE)

Application

EP 14784460 A 20141015

Priority

- DE 102013225658 A 20131211
- EP 2014072111 W 20141015

Abstract (en)

[origin: TW201522238A] The invention concerns a stirring body (1), particularly for generating a flow in a waste water treatment reservoir, having a shape like a hyperboloid or a truncated cone and having a central connecting piece (2) for connecting with a stirring shaft (3). For simplifying the production of the stirring body (1) as well as for reducing the effort in transportation, according to the invention, it is proposed that the stirring body (1) is formed by several segments (S1... S8) which are interconnected along joining zones (F1... F8) extending from a circumferential edge (UR) in the direction of the connecting piece (2).

IPC 8 full level

B01F 27/93 (2022.01); **B21D 53/26** (2006.01); **B29C 65/00** (2006.01)

CPC (source: EP KR US)

B01F 27/053 (2022.01 - US); **B01F 27/071** (2022.01 - US); **B01F 27/0725** (2022.01 - US); **B01F 27/117** (2022.01 - EP KR US); **B01F 27/1171** (2022.01 - US); **B01F 35/165** (2022.01 - EP KR US); **B21D 53/267** (2013.01 - KR); **B01F 2101/305** (2022.01 - KR US); **B21D 53/267** (2013.01 - EP US)

Citation (search report)

See references of WO 2015086198A1

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 102013225658 A1 20150611; BR 112016013447 A2 20170808; BR 112016013447 B1 20220201; CA 2932047 A1 20150618; CA 2932047 C 20210713; CN 105848770 A 20160810; CN 105848770 B 20190104; DK 3079800 T3 20180507; EP 3079800 A1 20161019; EP 3079800 B1 20180131; ES 2661242 T3 20180328; HU E037400 T2 20180828; IL 245747 A0 20160731; IL 245747 B 20191231; JP 2017502826 A 20170126; JP 6524092 B2 20190605; KR 102259793 B1 20210602; KR 20160098329 A 20160818; MX 2016007477 A 20160803; PL 3079800 T3 20180629; TW 201522238 A 20150616; TW I638782 B 20181021; US 10130921 B2 20181120; US 2017021313 A1 20170126; WO 2015086198 A1 20150618

DOCDB simple family (application)

DE 102013225658 A 20131211; BR 112016013447 A 20141015; CA 2932047 A 20141015; CN 201480067362 A 20141015; DK 14784460 T 20141015; EP 14784460 A 20141015; EP 2014072111 W 20141015; ES 14784460 T 20141015; HU E14784460 A 20141015; IL 24574716 A 20160519; JP 2016538737 A 20141015; KR 20167018381 A 20141015; MX 2016007477 A 20141015; PL 14784460 T 20141015; TW 103135523 A 20141014; US 201415039657 A 20141015