

Title (en)

STIRRING ELEMENT FOR CIRCULATING WASTEWATER IN A BASIN, AND APPARATUS

Title (de)

RÜHRKÖRPER ZUM UMWÄLZEN VON IN EINEM BECKEN AUFGENOMMENEM ABWASSER UND VORRICHTUNG

Title (fr)

CORPS D'AGITATION DESTINÉ À BRASSER DES EAUX USÉES CONTENUES DANS UN BASSIN ET DISPOSITIF ASSOCIÉ

Publication

**EP 3079801 A1 20161019 (DE)**

Application

**EP 14789287 A 20141027**

Priority

- DE 102013225662 A 20131211
- EP 2014072936 W 20141027

Abstract (en)

[origin: TW201521862A] The invention relates to a device for circulating wastewater received in a basin, wherein a stirring body (2) having a shape like a cone or a hyperboloid is attached to a vertical stirring shaft (1), wherein the stirring body (2) is composed of several segments (S,S') made of metal along radially extending joining zones (F1).

IPC 8 full level

**B01F 7/00** (2006.01); **B21D 53/26** (2006.01)

CPC (source: EP IL KR US)

**B01F 27/0725** (2022.01 - US); **B01F 27/117** (2022.01 - EP IL KR US); **B01F 27/213** (2022.01 - US); **B01F 35/165** (2022.01 - EP IL KR US); **B01F 35/50** (2022.01 - IL KR); **B21D 53/267** (2013.01 - EP KR US); **B01F 2101/305** (2022.01 - KR US)

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 102013225662 A1 20150611**; BR 112016013454 A2 20170808; BR 112016013454 B1 20211130; CA 2933104 A1 20150618; CA 2933104 C 20210629; CN 105813722 A 20160727; CN 105813722 B 20180629; DK 3079801 T3 20180507; EP 3079801 A1 20161019; EP 3079801 B1 20180131; ES 2662602 T3 20180409; HU E036728 T2 20180730; IL 246014 A0 20160731; IL 246014 B 20200227; JP 2016539796 A 20161222; JP 6415567 B2 20181031; KR 102250601 B1 20210511; KR 20160096680 A 20160816; MX 2016007481 A 20160819; MX 370820 B 20200108; PL 3079801 T3 20180731; TW 201521862 A 20150616; TW I630027 B 20180721; US 10195573 B2 20190205; US 2017001156 A1 20170105; WO 2015086211 A1 20150618; ZA 201603622 B 20170830

DOCDB simple family (application)

**DE 102013225662 A 20131211**; BR 112016013454 A 20141027; CA 2933104 A 20141027; CN 201480066987 A 20141027; DK 14789287 T 20141027; EP 14789287 A 20141027; EP 2014072936 W 20141027; ES 14789287 T 20141027; HU E14789287 A 20141027; IL 24601416 A 20160605; JP 2016538597 A 20141027; KR 20167018383 A 20141027; MX 2016007481 A 20141027; PL 14789287 T 20141027; TW 103137125 A 20141028; US 201415100038 A 20141027; ZA 201603622 A 20160527