

Title (en)

AGITATOR DEVICE AND METHOD

Title (de)

RÜHRVORRICHTUNG UND VERFAHREN

Title (fr)

DISPOSITIF AGITATEUR ET PROCÉDÉ

Publication

EP 3496846 A2 20190619 (DE)

Application

EP 17751742 A 20170811

Priority

- DE 102016115046 A 20160812
- EP 2017070404 W 20170811

Abstract (en)

[origin: WO2018029332A2] The invention relates to an agitator device (10a; 10b; 10c; 10d; 10e) having at least one carrier unit (12a; 12b; 12c; 12d; 12e) that comprises at least one connection element (14a; 14b; 14c; 14d; 14e) for connecting to a driveshaft (16a; 16c) and at least one strut element (18a; 18b; 18c; 18d; 18e) for securing at least one agitator blade (20a, 20b; 20c; 20d). According to the invention, said strut element (18a; 18b; 18c; 18d; 18e) and connection element (14a; 14b; 14c; 14d; 14e) are connected to one another as a single piece.

IPC 8 full level

B01F 7/00 (2006.01)

CPC (source: EP RU US)

B01F 27/071 (2022.01 - EP RU US); **B01F 27/0726** (2022.01 - EP RU US); **B01F 27/113** (2022.01 - EP RU US);
B01F 35/165 (2022.01 - EP RU US)

Citation (search report)

See references of WO 2018029332A2

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)

WO 2018029332 A2 20180215; **WO 2018029332 A3 20180419**; AU 2017310010 A1 20190307; AU 2017310010 B2 20220908;
CA 3033891 A1 20180215; CN 109715278 A 20190503; DE 102016115046 A1 20180215; EP 3496846 A2 20190619;
JP 2019524438 A 20190905; RU 2019106313 A 20200914; RU 2019106313 A3 20200918; RU 2736040 C2 20201111;
US 11420166 B2 20220823; US 2019176105 A1 20190613

DOCDB simple family (application)

EP 2017070404 W 20170811; AU 2017310010 A 20170811; CA 3033891 A 20170811; CN 201780057103 A 20170811;
DE 102016115046 A 20160812; EP 17751742 A 20170811; JP 2019507300 A 20170811; RU 2019106313 A 20170811;
US 201716324405 A 20170811