

Title (en)  
AGITATOR DEVICE

Title (de)  
RÜHRVORRICHTUNG

Title (fr)  
DISPOSITIF DE MÉLANGE

Publication  
**EP 3386619 A1 20181017 (DE)**

Application  
**EP 16797816 A 20161110**

Priority  
• DE 102015121513 A 20151210  
• EP 2016077327 W 20161110

Abstract (en)  
[origin: CA3007686A1] Disclosed is an agitator device, in particular a draft tube agitator device, comprising at least one agitator unit (12a; 12b) that can rotate about a rotational axis (10a) and that is provided for the delivery of a fluid in an axial delivery direction (16a; 16b). The agitator unit has at least one rotor blade element (18a), a section of which that projects on a plane perpendicular to the rotational axis (10a) having an at least substantially arced outer contour (20a), and the rotor blade element (18a) has at least one first substantially planar region (24a) lying on a blade plane (22a) and a second region (26a) curving away from the blade plane (22a).

IPC 8 full level  
**B01F 27/91** (2022.01)

CPC (source: EP RU US)  
**B01F 27/1133** (2022.01 - US); **B01F 27/80** (2022.01 - RU); **B01F 27/861** (2022.01 - EP US); **B01F 27/91** (2022.01 - EP RU 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 102015121513 A1 20170614**; AU 2016368953 A1 20180628; AU 2016368953 B2 20220317; BR 112018011513 A2 20181121; BR 112018011513 B1 20230307; CA 3007686 A1 20170615; CA 3007686 C 20221011; CL 2018001525 A1 20181207; CN 109070028 A 20181221; CN 109070028 B 20211224; EP 3386619 A1 20181017; EP 3386619 B1 20231220; ES 2975365 T3 20240704; RU 2018124647 A 20200113; RU 2018124647 A3 20200616; RU 2729276 C2 20200805; TW 201720518 A 20170616; TW I721053 B 20210311; US 11059006 B2 20210713; US 2018345233 A1 20181206; WO 2017097530 A1 20170615; ZA 201804447 B 20190925

DOCDB simple family (application)  
**DE 102015121513 A 20151210**; AU 2016368953 A 20161110; BR 112018011513 A 20161110; CA 3007686 A 20161110; CL 2018001525 A 20180607; CN 201680081589 A 20161110; EP 16797816 A 20161110; EP 2016077327 W 20161110; ES 16797816 T 20161110; RU 2018124647 A 20161110; TW 105139475 A 20161130; US 201615781820 A 20161110; ZA 201804447 A 20180703