Title (en)

SEPARATION DEVICE

Title (de)

TRENNVORRICHTUNG

Title (fr)

DISPOSITIF DE SEPARATION

Publication

EP 3405296 A1 20181128 (FR)

Application

EP 17706844 A 20170120

Priority

- FR 1650528 A 20160122
- FR 1654287 A 20160513
- FR 2017050125 W 20170120

Abstract (en)

[origin: WO2017125692A1] A device (1) for separating the constituents of a fluid medium (M), comprising an element (3) for separating said constituents, helping to define, upstream and/or downstream from said separation element (3), a closed chamber (2), to which at least one conduit (C) is connected, characterised in that: - said conduit (C) comprises at least one activatable sealing means (5), the activation of which is capable of at least partially closing and opening said conduit (C); and in that - said device (1) comprises means (7) for controlling the activation of said sealing means (5), capable of controlling the closing and opening, at least partially, of said conduit (C), cyclically, at a frequency greater than 0.008 Hz.

IPC 8 full level

B07B 1/50 (2006.01); **B01D 29/62** (2006.01); **B07B 13/16** (2006.01); **D21D 5/04** (2006.01)

CPC (source: EP KR RU US)

B01D 29/62 (2013.01 - EP RU); **B01D 29/66** (2013.01 - US); **B07B 1/50** (2013.01 - EP KR RU US); **B07B 13/16** (2013.01 - EP KR US); **B07B 13/18** (2013.01 - KR US); **D21D 5/04** (2013.01 - EP KR RU US); B07B 2230/01 (2013.01 - EP KR US)

Citation (search report)

See references of WO 2017125692A1

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 2017125692 A1 20170727; BR 112018011968 A2 20181204; CA 3001428 A1 20170727; CA 3001428 C 20201020; CN 108883436 A 20181123; EP 3405296 A1 20181128; FR 3046946 A1 20170728; FR 3046947 A1 20170728; FR 3046947 B1 20191213; JP 2019503863 A 20190214; JP 6850306 B2 20210331; KR 20180104284 A 20180920; MA 43675 A 20181128; MX 2018008806 A 20180921; RU 2018124649 A 20200109; RU 2018124649 A3 20200410; RU 2721676 C2 20200521; US 11203043 B2 20211221; US 2020261944 A1 20200820

DOCDB simple family (application)

FR 2017050125 W 20170120; BR 112018011968 A 20170120; CA 3001428 A 20170120; CN 201780004720 A 20170120; EP 17706844 A 20170120; FR 1650528 A 20160122; FR 1654287 A 20160513; JP 2018557214 A 20170120; KR 20187016989 A 20170120; MA 43675 A 20170120; MX 2018008806 A 20170120; RU 2018124649 A 20170120; US 201716062811 A 20170120