

Title (en)

FULLY JACKETED SCREW CENTRIFUGE WITH EFFLUX ORIFICES FOR PARTIAL AND RESIDUAL EMPTYING OF THE DRUM

Title (de)

VOLLMANTEL-SCHNECKENZENTRIFUGE MIT ABFLUSSÖFFNUNGEN ZUR TEIL- UND RESTENTLEERUNG DER TROMMEL

Title (fr)

CENTRIFUGEUSE A VIS ET ENVELOPPE PLEINE DOTEE D'OUVERTURES D'EVACUATION POUR LE VIDAGE PARTIEL ET LE VIDAGE RESIDUEL DU TAMBOUR

Publication

EP 1998896 B1 20171213 (DE)

Application

EP 07727173 A 20070321

Priority

- EP 2007052697 W 20070321
- DE 102006015211 A 20060330
- DE 102006030477 A 20060701

Abstract (en)

[origin: DE102006030477A1] A centrifuge has a drum swiveling around a horizontal rotational axis, in which a swiveling spiral (4) is arranged. A continuous solid outlet is provided at an end of the drum, and a continuous liquid outlet is provided in an opposite end of the drum. A discontinuous effective flow opening (10) has a closing device. A ring (11) is assigned to the flow opening as a closure device and is displaceable in a position to open the opening and in another position to close the opening, where the actuating device e.g. fluid actuating device, is assigned to the ring.

IPC 8 full level

B04B 1/20 (2006.01); **B04B 11/04** (2006.01)

CPC (source: EP US)

B04B 1/20 (2013.01 - EP US); **B04B 2001/2083** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006030477 A1 20071004; AR 060333 A1 20080611; CL 2007000871 A1 20110325; CN 101516519 A 20090826; CN 101516519 B 20131218; EP 1998896 A1 20081210; EP 1998896 B1 20171213; RU 2008142859 A 20100510; RU 2442659 C2 20120220; US 2010035742 A1 20100211; US 8465405 B2 20130618; WO 2007113113 A1 20071011

DOCDB simple family (application)

DE 102006030477 A 20060701; AR P070101296 A 20070328; CL 2007000871 A 20070329; CN 200780011579 A 20070321; EP 07727173 A 20070321; EP 2007052697 W 20070321; RU 2008142859 A 20070321; US 29480907 A 20070321