

Title (en)

PROCESSING DEVICE FOR PROCESSING A FLUID WITH THE AID OF A CIRCULATING PROCESSING MEDIUM

Title (de)

AUFBEREITUNGSVORRICHTUNG ZUR AUFBEREITUNG EINES FLUIDS, MIT HILFE EINES UMLAUFENDEN AUFBEREITUNGSMEDIUMS

Title (fr)

DISPOSITIF DE TRAITEMENT POUR LE TRAITEMENT D'UN FLUIDE À L'AIDE D'UN MILIEU DE TRAITEMENT EN CIRCULATION

Publication

EP 3833478 A1 20210616 (DE)

Application

EP 19752506 A 20190809

Priority

- DE 102018119432 A 20180809
- EP 2019071471 W 20190809

Abstract (en)

[origin: WO2020030800A1] The invention relates to processing device for processing a fluid, in particular with the aid of a mechanical separation. The processing device has a processing medium, which has a round granulate. Furthermore, the processing device has two walls, wherein flat sides of the walls are opposite one another. The fluid flows through the processing medium. At least one of the two walls is fluid-permeable such that the fluid enters the processing medium or exits the processing medium through the fluid-permeable wall. The processing device is designed to transport at least a part of the processing medium, along the walls and thus through the flow region.

IPC 8 full level

B01J 47/10 (2017.01); **B01D 24/00** (2006.01); **B01D 24/08** (2006.01); **B01D 24/28** (2006.01); **B01D 24/36** (2006.01); **B01D 24/46** (2006.01); **C02F 1/42** (2006.01)

CPC (source: EP)

B01D 24/008 (2013.01); **B01D 24/08** (2013.01); **B01D 24/28** (2013.01); **B01D 24/36** (2013.01); **B01D 24/4689** (2013.01); **B01J 20/06** (2013.01); **B01J 20/3204** (2013.01); **B01J 20/3208** (2013.01); **B01J 20/3236** (2013.01); **B01J 39/10** (2013.01); **B01J 47/10** (2013.01); **B01J 49/06** (2016.12); **C02F 1/004** (2013.01); **C02F 1/42** (2013.01)

Citation (search report)

See references of WO 2020030800A1

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 102018119432 A1 20200213; EP 3833478 A1 20210616; WO 2020030800 A1 20200213

DOCDB simple family (application)

DE 102018119432 A 20180809; EP 19752506 A 20190809; EP 2019071471 W 20190809