

Title (en)
DISCONTINUOUS CENTRIFUGE COMPRISING A ROTATABLE CENTRIFUGE DRUM THAT HAS A JACKET, AND METHOD FOR THE PRODUCTION OF SAID JACKET

Title (de)
DISKONTINUIERLICHE ZENTRIFUGE MIT EINER DREHBAREN ZENTRIFUGENTROMMEL MIT EINEM MANTEL UND VERFAHREN ZUR HERSTELLUNG DES MANTELS

Title (fr)
CENTRIFUGEUSE DISCONTINUE COMPRENANT UN PANIER ROTATIF POURVU D'UNE ENVELOPPE ET PROCÉDÉ DE FABRICATION DE CETTE ENVELOPPE

Publication
EP 2782679 B1 20150916 (DE)

Application
EP 12788582 A 20121123

Priority

- DE 102011119262 A 20111124
- DE 102012002351 A 20120208
- EP 2012073464 W 20121123

Abstract (en)
[origin: WO2013076243A1] A discontinuous centrifuge comprises a rotatable centrifuge drum (10) that has a jacket (13). The cylindrical centrifuge jacket (13) has holes (50) for discharging the liquid separated during the centrifuging process. The cross-section of the holes (50) has an elliptical shape and widens from the inside to the outside, while the wall of the holes is continuous. In the direction running parallel to the drum axis, the diameter of the cross-sections of the holes on the inside of the jacket (13) is the same as the diameter of the cross-sections of the holes (50) on the outside of the holes (50). In the circumferential direction, however, the diameter of the cross-sections of the holes (50) on the inside of the jacket (13) is smaller than the diameter of the cross-sections of the holes (50) on the outside of the jacket (13). The surface area of the elliptical holes can be additionally subdivided by webs.

IPC 8 full level
B04B 3/00 (2006.01); **B04B 7/16** (2006.01); **B04B 7/18** (2006.01)

CPC (source: EP RU US)
B04B 3/00 (2013.01 - EP RU US); **B04B 7/04** (2013.01 - RU); **B04B 7/14** (2013.01 - RU); **B04B 7/16** (2013.01 - EP RU US); **B04B 7/18** (2013.01 - EP US); **B04B 11/04** (2013.01 - US); **B04B 13/00** (2013.01 - EP US); **B26F 3/004** (2013.01 - US)

Cited by
RU191345U1; DE102018007790A1; WO2019076474A1; US11007539B2

Designated contracting state (EPC)
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