

Title (en)

WEIR FOR A SOLID-JACKET CENTRIFUGE DRUM

Title (de)

WEHR FÜR VOLLMANTELSCHLEUDERTROMMELN

Title (fr)

DEVERSOIR DE PANIERS CENTRIFUGES A BOL PLEIN

Publication

EP 0702599 B1 19961211 (DE)

Application

EP 94915147 A 19940430

Priority

- DE 4320265 A 19930618
- EP 9401380 W 19940430

Abstract (en)

[origin: US5593377A] PCT No. PCT/EP94/01380 Sec. 371 Date May 26, 1995 Sec. 102(e) Date May 26, 1995 PCT Filed Apr. 30, 1994 PCT Pub. No. WO95/00249 PCT Pub. Date Jan. 3, 1995 In a solid-jacket centrifuge drum for separating out a liquid phase, a weir is rotatable with the drum around an axis, is disposed in a path of the separated out liquid phase and has at least one channel for the separated out liquid phase. A choke plate regulates flow through the at least one channel in the weir and thereby the level of liquid inside the drum. The choke plate is stationary relative to the rotation of the weir and the drum and is axially displaceable relative to the weir to form a gap therebetween for the separated out liquid phase. The gap has a distance which is varied with the axial displacement of the choke plate.

IPC 1-7

B04B 1/20

IPC 8 full level

B04B 1/20 (2006.01)

CPC (source: EP US)

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

Cited by

WO2005097336A1; DE102012102478A1; DE202004005353U1; DE10336350A1; DE10336350B4; US8402729B2; US8192342B2; US8523749B2; WO2013139920A3; US7753834B2; WO2013139920A2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5593377 A 19970114; AT E146103 T1 19961215; DE 4320265 A1 19941222; DE 4320265 C2 19950803; DE 59401277 D1 19970123; DK 0702599 T3 19970602; EP 0702599 A1 19960327; EP 0702599 B1 19961211; ES 2097650 T3 19970401; JP 2779067 B2 19980723; JP H08506522 A 19960716; WO 9500249 A1 19950105

DOCDB simple family (application)

US 44687795 A 19950526; AT 94915147 T 19940430; DE 4320265 A 19930618; DE 59401277 T 19940430; DK 94915147 T 19940430; EP 9401380 W 19940430; EP 94915147 A 19940430; ES 94915147 T 19940430; JP 50236595 A 19940430