

Title (en)

METHOD AND DEVICE FOR ADJUSTING THE LIQUID CONTENT OF A SOLID WITHDRAWN FROM A SELF-DISCHARGING CENTRIFUGAL DRUM OF A SEPARATOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINSTELLEN DES FLÜSSIGKEITSGEHALTS DES AUS EINER SELBSTENTLEERENDEN SCHLEUDERTROMMEL EINES SEPARATORS AUSGETRAGENEN FESTSTOFFES

Title (fr)

PROCEDE ET DISPOSITIF POUR AJUSTER LA TENEUR EN LIQUIDE DE LA MATIERE SOLIDE EXTRAITE D'UN PANIER CENTRIFUGE A VIDAGE AUTOMATIQUE D'UN SEPARATEUR

Publication

EP 1102637 A1 20010530 (DE)

Application

EP 99934572 A 19990705

Priority

- DE 19835120 A 19980804
- EP 9904663 W 19990705

Abstract (en)

[origin: DE19835120C1] According to the invention, prior to withdrawal of a solid from a centrifugal drum (1) the liquid content determining the consistency of said solid is to be adjusted. To this end, the separator is brought to a halt before the solid is discharged from the centrifugal drum (1) and the liquid remaining inside the centrifugal drum is aspirated until a quantity remains which corresponds to the required consistency of the solid. Thereafter, the centrifugal drum is emptied at a suitable speed of rotation. The above method can be used with separation techniques in which a substance is separated into solid and liquid phases by centrifugal action.

IPC 1-7

B04B 1/08; **B04B 11/04**

IPC 8 full level

B04B 1/08 (2006.01); **B04B 7/08** (2006.01); **B04B 11/04** (2006.01)

CPC (source: EP US)

B04B 1/08 (2013.01 - EP US); **B04B 11/04** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6468198 B1 20021022; AT E258464 T1 20040215; DE 19835120 C1 19991021; DE 59908431 D1 20040304; DK 1102637 T3 20040405; EP 1102637 A1 20010530; EP 1102637 B1 20040128; JP 2002522205 A 20020723; JP 3448565 B2 20030922; WO 0007733 A1 20000217

DOCDB simple family (application)

US 76205301 A 20010201; AT 99934572 T 19990705; DE 19835120 A 19980804; DE 59908431 T 19990705; DK 99934572 T 19990705; EP 9904663 W 19990705; EP 99934572 A 19990705; JP 2000563404 A 19990705