

Title (en)

Discontinuous centrifuge with a washing control device and a method for operating the centrifuge

Title (de)

Diskontinuierliche Zentrifuge mit einer Waschsteuerungseinrichtung und ein Verfahren zum Betreiben der Zentrifuge.

Title (fr)

Centrifugeuse discontinue dotée d'un dispositif de commande de nettoyage et procédé de fonctionnement de la centrifugeuse

Publication

EP 2275207 B1 20110907 (DE)

Application

EP 09075317 A 20090716

Priority

EP 09075317 A 20090716

Abstract (en)

[origin: EP2275207A1] The centrifuge (1) has a centrifuge drum (2) filled with predetermined amount of a crystal suspension as a filling material (9). A light source (11) and a light detector (12) determine absorbance of the filling material during operation of the centrifuge. A wash control device determines a measure for an instantaneous drying progress of the filling material based on the absorbance of the filling material. The wash control device starts washing of the filling material at a time period based on the instantaneous drying progress of the filling material. An independent claim is also included for a method for controlling an operation of a discontinuous centrifuge.

IPC 8 full level

B04B 11/04 (2006.01); **B04B 15/12** (2006.01)

CPC (source: EP)

B04B 11/043 (2013.01); **B04B 15/12** (2013.01)

Cited by

EP3085452A1; US11020753B2; WO2016170047A1; WO2020094217A1; WO2013135774A1; US10549288B2; FR3136240A1; WO2023237832A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2275207 A1 20110119; EP 2275207 B1 20110907; AT E523257 T1 20110915; AU 2010272557 A1 20120209; BR 112012001034 A2 20160315; CN 102481585 A 20120530; RU 2012104775 A 20130827; UA 105225 C2 20140425; WO 2011006969 A1 20110120

DOCDB simple family (application)

EP 09075317 A 20090716; AT 09075317 T 20090716; AU 2010272557 A 20100715; BR 112012001034 A 20100715; CN 201080031991 A 20100715; EP 2010060236 W 20100715; RU 2012104775 A 20100715; UA A201201559 A 20100715