

Title (en)

Process for automatically driving a discontinuously working centrifuge.

Title (de)

Verfahren zur automatischen Steuerung einer diskontinuierlich angetriebenen Zentrifuge.

Title (fr)

Procédé de conduite automatisée d'uneessoreuse centrifuge à marche discontinue.

Publication

**EP 0406095 B1 19931208 (FR)**

Application

**EP 90401815 A 19900626**

Priority

FR 8908714 A 19890629

Abstract (en)

[origin: US5044092A] A method for the automatic operation of a centrifugal drier comprising a rotary screening basket having a cylindrical wall and which is operated cyclically in successive cycles, each cycle comprising the steps of rotating the basket to generate a centrifugal force, charging a product to be dried into the rotating basket through an open valve, the centrifugal force causing the product to form a layer of increasing thickness along the cylindrical wall, closing the valve to discontinue charging the product when the layer thickness has attained a first control value lower than that of the layer thickness corresponding to an imposed value of the charge in the basket, then measuring the maximum thickness of the layer, comparing said measured maximum layer thickness with a second control value corresponding to said imposed value of the charge in the basket, and generating a new value for the first control value as a function of the difference between the measured maximum layer thickness and the second control value.

IPC 1-7

**B04B 13/00**

IPC 8 full level

**B04B 11/04** (2006.01); **B04B 13/00** (2006.01)

CPC (source: EP US)

**B04B 11/043** (2013.01 - EP US); **B04B 13/00** (2013.01 - EP US)

Cited by

EP0679722A3; EP2277627A1; WO2011006972A1

Designated contracting state (EPC)

BE DE ES GB IT NL SE

DOCDB simple family (publication)

**EP 0406095 A1 19910102; EP 0406095 B1 19931208**; DE 69001400 D1 19930527; DE 69001400 T2 19931111; DE 69005044 D1 19940120; DE 69005044 T2 19940421; EP 0406094 A1 19910102; EP 0406094 B1 19930421; ES 2041157 T3 19931101; ES 2047285 T3 19940216; FR 2649909 A1 19910125; FR 2649909 B1 19930521; US 5044092 A 19910903; US 5115575 A 19920526

DOCDB simple family (application)

**EP 90401815 A 19900626**; DE 69001400 T 19900626; DE 69005044 T 19900626; EP 90401814 A 19900626; ES 90401814 T 19900626; ES 90401815 T 19900626; FR 8908714 A 19890629; US 54215490 A 19900621; US 54219990 A 19900621