

Title (en)

Centrifuge drum and method for attaching centrifuge drums

Title (de)

Zentrifugentrommel und Verfahren zur Montage von Zentrifugentrommeln

Title (fr)

Tambour centrifuge et procédé de montage de tambours centrifuges

Publication

EP 2239059 B2 20200219 (DE)

Application

EP 10157755 A 20100325

Priority

DE 102009016882 A 20090408

Abstract (en)

[origin: EP2239059A2] The centrifugal drum has a set of drum parts rotating during operation of the centrifugal drum, where the drum parts form a common axis of rotation (D) in an assembled condition. Some of the drum parts are formed such that the drum parts cause unbalance relative to the common axis of rotation and individual unbalances are compensated. The unbalanced drum parts are provided with recesses or weights for causing the unbalance, where the recesses are formed as blind holes or notches, and the weights are formed as screws. An independent claim is also included for a method for mounting a rotatable centrifugal drum.

IPC 8 full level

B04B 7/08 (2006.01); **B04B 9/14** (2006.01)

CPC (source: EP)

B04B 1/10 (2013.01); **B04B 7/08** (2013.01); **B04B 9/14** (2013.01)

Citation (opposition)

Opponent :

- US 2006135339 A1 20060622 - SANDGREN MARTIN [SE]
- US 5364335 A 19941115 - FRANZEN PAUL H [US], et al

Cited by

CN110170387A

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 2239059 A2 20101013; **EP 2239059 A3 20160817**; **EP 2239059 B1 20170531**; **EP 2239059 B2 20200219**; DE 102009016882 A1 20101014

DOCDB simple family (application)

EP 10157755 A 20100325; DE 102009016882 A 20090408