

Title (en)  
Method for balancing rotating bodies

Title (de)  
Verfahren zum Auswuchten von rotierenden Körpern

Title (fr)  
Procédé pour l'équilibrage de corps tournants

Publication  
**EP 1096050 A3 20020814 (DE)**

Application  
**EP 00122114 A 20001012**

Priority  
DE 19952464 A 19991029

Abstract (en)  
[origin: EP1096050A2] The method involves using a balance device with ball weights (13) moving freely in a circular track (12) concentric to the drum (2). An imbalance detection unit (6b,c) produces an imbalance signal during rotation or fluctuations in rotation speed. The system is rotated at a speed below its critical rotation speed, or that of its bearing system. The balancing unit is made so that the ball weights are carried in the track at this rotation speed. An evaluation unit (6d) produces the curve of imbalance amount and accelerates the bodies to a rotation speed above the critical speed in the area of the curve minimum or on exceeding a threshold value.

IPC 1-7  
**D06F 37/22**

IPC 8 full level  
**D06F 33/48** (2020.01); **D06F 37/20** (2006.01); **D06F 37/22** (2006.01); **D06F 34/16** (2020.01)

CPC (source: EP US)  
**D06F 33/48** (2020.02 - EP US); **D06F 37/225** (2013.01 - EP US); **D06F 34/16** (2020.02 - EP US); **D06F 2103/26** (2020.02 - EP US)

Citation (search report)

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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)  
**EP 1096050 A2 20010502**; **EP 1096050 A3 20020814**; **EP 1096050 B1 20050817**; AT E302300 T1 20050915; DE 19952464 A1 20010523; DE 19952464 C2 20020508; DE 50010961 D1 20050922; ES 2244383 T3 20051216

DOCDB simple family (application)  
**EP 00122114 A 20001012**; AT 00122114 T 20001012; DE 19952464 A 19991029; DE 50010961 T 20001012; ES 00122114 T 20001012