

Title (en)

ROTATING MACHINES WITH OUT-OF-BALANCE OPERATION

Title (de)

ROTIERENDE MASCHINEN MIT AUSWUCHTUNG

Title (fr)

MACHINES ROTATIVES AVEC FONCTIONNEMENT A L'ETAT DESEQUILIBRE

Publication

**EP 1336004 A1 20030820 (EN)**

Application

**EP 00976074 A 20001124**

Priority

EP 0011801 W 20001124

Abstract (en)

[origin: WO0242541A1] A machine having a rotating container as well as at least one balancing chamber which is fillable with a liquid for correcting out-of-balance rotational operation of the container and a method of operating the machine is described. A degree of out of balance operation of the container is detected at a position in a sub-system of the machine at which a ratio of a maximum rotational frequency of the drum to the resonant frequency of the sub-system is less than 90 %, more preferably less than 85 % and most preferably less than 80 % and injecting the liquid into the at least one balancing chamber to correct for out-of-balance operation of the rotating container based on the detecting step.

IPC 1-7

**D06F 37/20**; **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)

See references of WO 0242541A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0242541 A1 20020530**; AT E277217 T1 20041015; AU 1396801 A 20020603; DE 60014191 D1 20041028; DE 60014191 T2 20050929; EP 1336004 A1 20030820; EP 1336004 B1 20040922; ES 2228627 T3 20050416

DOCDB simple family (application)

**EP 0011801 W 20001124**; AT 00976074 T 20001124; AU 1396801 A 20001124; DE 60014191 T 20001124; EP 00976074 A 20001124; ES 00976074 T 20001124