

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 B1 20040922 (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.

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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)
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