

Title (en)

System for balancing objects which rotate about an axis

Title (de)

Vorrichtung zum Auswuchten von um eine Achse rotierenden Gütern

Title (fr)

Dispositif pour équilibrer des objets tournant autour d'un axe

Publication

EP 1094143 A1 20010425 (EN)

Application

EP 00104591 A 20000315

Priority

GB 9924832 A 19991021

Abstract (en)

A machine is described which includes a rotating container (5), e.g. a washing machine. To balance the rotating container one or more chambers (6a to f) may be located on the outer rim of the container. These chambers may be filled with water to provide compensation for any out-of-balance forces. At least a portion of the water which is used for balancing is removed from the balancing chambers when the container no longer rotates and is stored (14) ready for use in the next operation cycle of the machine. Balancing chambers may be placed in two separate planes or in a single plane. To achieve this, each plane of balancing chambers has a separate water feed (8). The two planes of chambers may also have separate water extraction systems (9a to f). Injection of water can be triggered by the out-of-balance movement or out-of-balance forces exerted by the rotating container. <IMAGE>

IPC 1-7

D06F 37/22

IPC 8 full level

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CPC (source: EP US)

D06F 33/48 (2020.02 - EP US); **D06F 37/225** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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