

Title (en)

SYSTEMS AND METHODS FOR BALANCING AN OBJECT ROTATING ABOUT AN AXIS

Title (de)

SYSTEME UND VERFAHREN ZUM AUSWUCHTEN EINES SICH UM EINE ACHSE DREHENDEN TEILS

Title (fr)

SYSTEMES ET PROCEDES PERMETTANT D'EQUILIBRER UN OBJET EN ROTATION AUTOUR D'UN AXE

Publication

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Application

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- EP 00104591 A 20000315
- GB 9924832 A 19991021

Abstract (en)

[origin: EP1094143A1] 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>

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US 5913951 A 19990622 - HERR JOEL L [US], et al

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