

Title (en)

A METHOD FOR IMMOBILIZING BALANCING MEANS IN AN AUTOBALANCING DEVICE AND SUCH AN AUTOBALANCING UNIT

Title (de)

METHODE ZUR IMMOBILISIERUNG EINER SELBSTABGLEICHVORRICHTUNG UND SOLCHE SELBSABGLEICHVORRICHTUNG

Title (fr)

PROCEDE POUR IMMOBILISER DES MOYENS D'EQUILIBRAGE DANS UN DISPOSITIF D'AUTO-EQUILIBRAGE ET SYSTEME D'AUTO-EQUILIBRAGE DE CE TYPE

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Application

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Abstract (en)

[origin: WO9809096A1] A method for immobilizing balancing means in an autobalancing unit comprising an encased annular track (11) mounted to a rotary system and having balancing means (3) in form of rolling bodies freely moveable along said track for compensating imbalance in the rotary system, and intended for intentionally during rotation of the rotary system to arrest the balancing means (3) in their momentary positions after the balancing function has been established, comprising the steps of arranging at a position spaced apart from said track (11) a bistable lid (9; 17; 18), having a first distinct position (17a, 18a) in which it is situated entirely outside the space (4) housing the rolling bodies (3), and a second distinct position (17b, 18b), in which it is arranged to engage the rolling bodies with an arresting force keeping the balls immobilized, and applying a triggering force to said bistable lid, for moving it from its first to its second position, or applying a force (19) on the autobalancing unit for causing on the rolling bodies a wedging effect, clamping said rolling bodies (3) against at least the race track (11) of the unit.

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