

Title (en)

Method for improving the pivoting of a mobile device

Title (de)

Verfahren zur Verbesserung der Schwenkbarkeit eines mobilen Geräts

Title (fr)

Procédé d'amélioration du pivotement d'un mobile

Publication

EP 2607970 B1 20180207 (FR)

Application

EP 11195125 A 20111222

Priority

EP 11195125 A 20111222

Abstract (en)

[origin: EP2607970A1] The method involves statically balancing a mobile body (1) so as to bring the center of gravity onto an axis (D), and determining a target value for a resulting imbalance moment of the mobile body about the axis. The mobile body is rotated about the axis of the mobile body at a predetermined speed, and the resulting imbalance moment of the mobile body relative to the axis is measured. A value of the imbalance moment of the mobile body about the axis is adjusted to within a given predetermined tolerance relative to the target value. Independent claims are also included for the following: (1) a mobile body for a scientific instrument (2) a mobile assembly for a scientific instrument.

IPC 8 full level

G04B 18/00 (2006.01); **G01M 1/36** (2006.01); **G04D 7/08** (2006.01)

CPC (source: EP)

G04B 18/006 (2013.01); **G04D 7/084** (2013.01); **G04D 7/085** (2013.01); **G04D 7/088** (2013.01)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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