

Title (en)

APPARATUS AND METHOD FOR THE STATIC BALANCING OF VEHICLE WHEELS

Title (de)

GERÄT UND METHODE ZUR STATISCHEN AUSWUCHTUNG VON KRAFTFAHRZEUGRÄDERN

Title (fr)

APPAREIL ET PROCEDE POUR L'EQUILIBRAGE STATIQUE DES ROUES D'UN VEHICULE

Publication

EP 1639336 A1 20060329 (EN)

Application

EP 03709734 A 20030228

Priority

EP 0302109 W 20030228

Abstract (en)

[origin: WO2004077004A1] An apparatus (10) for balancing the wheels of road vehicles, and particularly of motorcycles or similars, comprises a horizontal axle (12) free rotating on a supporting structure (14), said axle being apt to receive the wheel to be balanced. A bar (18), rotatably joined to said axle (12), constitutes an angular reference of the unbalance zone of the wheel, means for setting the reciprocal positions of said axle (12), said wheel (11) and said angular reference (18) being provided. The value of the balancing weights to install on the wheel rim is indicated by means (31) apt to measure the weight force due to the unbalancing of the wheel after that this one is joined with the bar (18) and rotated until positioning the bar in a horizontal position.

IPC 1-7

G01M 1/12

IPC 8 full level

G01M 1/12 (2006.01)

CPC (source: EP)

G01M 1/12 (2013.01)

Citation (search report)

See references of WO 2004077004A1

Citation (examination)

- IT 1309872 A
- US 2752788 A 19560703 - LA PENTA ROCCO D
- US 4663971 A 19870512 - BAKULA JERRY R [US]
- US 3139757 A 19640707 - EGBERT DELBERT W
- US 3201997 A 19650824 - ROSENBLUM LESTER A
- US 1763403 A 19300610 - JACOB LUNDGREN
- US 407589 A 18890723

Citation (third parties)

Third party :

- IT 1309872 B1 20020205 - STAR S R L [IT]
- IT 1309872 T2
- US 2752788 A 19560703 - LA PENTA ROCCO D
- US 4663971 A 19870512 - BAKULA JERRY R [US]
- US 3139757 A 19640707 - EGBERT DELBERT W
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