

Title (en)

COMPOSITION FOR CORRECTING TIRE-WHEEL ASSEMBLY IMBALANCES, FORCE VARIATIONS AND VIBRATIONS

Title (de)

ZUSAMMENSETZUNG ZUR KORREKTUR VON REIFENRADUNGLEICHHEITEN, -KRAFTVARIATIONEN UND -VIBRATIONEN

Title (fr)

COMPOSITIONS POUR CORRIGER LES DÉSÉQUILIBRES, LES VARIATIONS DE FORCES ET LES VIBRATIONS D'UN ENSEMBLE PNEU/ ROUE

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Application

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Abstract (en)

[origin: WO2010081016A1] Particular embodiments of the present invention include methods and compositions for improved correction of force imbalances, force variations, and/or dampening of vibrations in a tire-wheel assembly. In particular embodiments, the composition includes a plurality of particles for positioning within a pressurization chamber of the tire-wheel assembly, wherein said particles include a void. Further embodiments provide a void containing a tire balancing material or a viscoelastic material. The particle may also be formed of viscoelastic material. Methods of the present invention include the steps of: providing a tire-wheel assembly; providing a plurality of particles having a void; and placing said plurality of particles into a pressurization chamber within said tire-wheel assembly.

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