



(12) **United States Patent**
Schulze et al.

(10) **Patent No.:** **US 9,409,452 B2**
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **METHOD FOR CONTROLLING THE TIRE PRESSURE IN MULTIPLE-AXLE VEHICLES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 539 days.

(21) Appl. No.: **11/524,181**

(22) Filed: **Sep. 20, 2006**

(65) **Prior Publication Data**
US 2007/0069878 A1 Mar. 29, 2007

(30) **Foreign Application Priority Data**
Sep. 23, 2005 (DE) 10 2005 045 409
Oct. 29, 2005 (DE) 10 2005 051 951

(51) **Int. Cl.**
B60C 23/00 (2006.01)
B60C 23/04 (2006.01)
B60C 23/06 (2006.01)

(52) **U.S. Cl.**
CPC **B60C 23/0408** (2013.01); **B60C 23/007** (2013.01); **B60C 23/061** (2013.01)

(58) **Field of Classification Search**
CPC B60C 23/0408; B60C 23/041; B60C 23/0447; B60C 23/0433; B60C 23/06; B60C 23/061; B60C 23/0403; B60Q 1/54
USPC 340/438, 425.5, 3.1, 825, 442-445; 701/81, 41, 86, 1; 73/146, 146.2, 146.5
See application file for complete search history.

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(57) **ABSTRACT**

A method for controlling the tire pressure in multiple axle vehicles whose wheels are equipped with pneumatic tires and speed sensors that supply an evaluation unit with signals indicative of the speed of the respective wheel, by

- (a) determining simultaneously the speed of a right-hand wheel and a left hand wheel mounted on a common axle;
- (b) determining the deviation between the two speeds;
- (c) reducing the deviation in speed by a correction value representative, during a cornering motion, of that component of the deviation in speed between the right-hand wheel and the left-hand wheel which is due to the cornering motion; and
- (d) indicating the corrected deviation in speed, or of a signal derived therefrom, at least when the correct deviation in speed exceeds a given threshold value.

24 Claims, 2 Drawing Sheets

