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(54) **TIRE INFLATION SYSTEM AND METHOD OF CONTROL**

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CPC B60C 23/00; B60C 23/001; B60C 23/003; B60C 23/042; B60C 23/10
USPC 152/415, 416, 417, 418; 340/442, 444; 73/146.2, 146.3; 137/224
See application file for complete search history.

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Meritor an ArvinMeritor brand, Meritor Tire Inflation System (MTIS) by PSI (TM), including Mentor ThermALERT (TM), PB-9999, revised May 2007.

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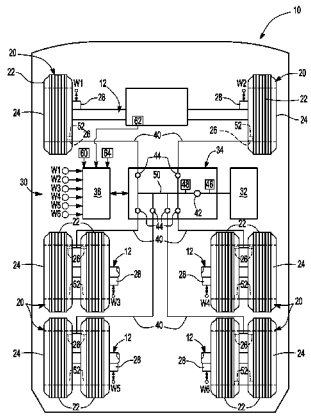
(57) **ABSTRACT**

A tire inflation system and a method of control. An inflation pressure of a tire may be checked when a tire pressure sampling interval has elapsed. The tire pressure sampling interval may be adjusted based on a type of pressure drop when the inflation pressure is less than a target tire pressure.

19 Claims, 2 Drawing Sheets