



US008928475B2

(12) **United States Patent**
Bement

(10) **Patent No.:** **US 8,928,475 B2**
(45) **Date of Patent:** **Jan. 6, 2015**

(54) **PROGRESSIVE BRAKING INDICATOR SYSTEM**

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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 43 days.

(21) Appl. No.: **13/787,017**
(22) Filed: **Mar. 6, 2013**

(65) **Prior Publication Data**
US 2014/0253315 A1 Sep. 11, 2014

(51) **Int. Cl.**
B60Q 1/44 (2006.01)
(52) **U.S. Cl.**
CPC **B60Q 1/444** (2013.01); **B60Q 1/447** (2013.01)
USPC **340/479**; 340/467

(58) **Field of Classification Search**
CPC B60Q 1/441; B60Q 1/444; B60Q 1/447
USPC 340/479, 467
See application file for complete search history.

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(57) **ABSTRACT**

A progressive braking indicator system includes a brake light assembly having multiple lights, a brake pedal for the vehicle, a sensor connected to the brake pedal for measuring a distance the brake pedal has moved and an amount of pressure applied to the brake pedal by a driver of the vehicle, and a brake control processor connected to the sensor and the at least one brake light assembly. The brake control processor is configured to: a) receive the distance and amount of pressure measured by the sensor, b) generate a signal based on the distance and amount of pressure measured by the sensor, wherein the signal is configured to illuminate a varying subset of the plurality of lights based on the distance and amount of pressure measured by the sensor. A power source connected to the at least one brake light assembly, the sensor, and the brake control processor.

4 Claims, 7 Drawing Sheets

