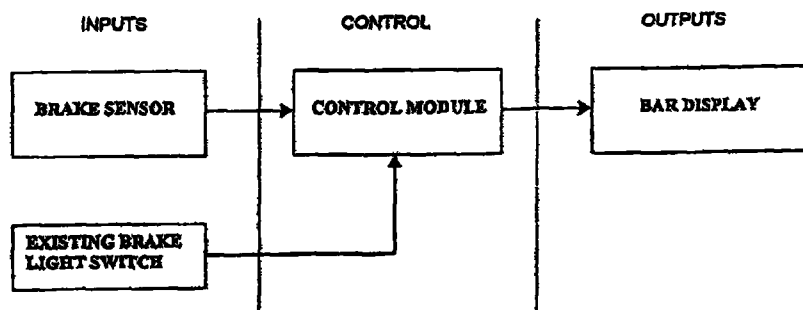




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(54) Title: PROGRESSIVE BRAKING SYSTEM**(57) Abstract**

The progressive vehicle braking system of the invention consists of a brake sensor arranged to sense the travel of a brake pedal and a brake light display arranged to illuminate or extinguish in sequence or progressively in response to the travel of the brake pedal. A microcontroller is provided for receiving a signal from the brake sensor and controlling the brake light display accordingly. The brake sensor is typically an optical sensor utilising infrared transmitters and receivers arranged to sense the distance and direction of travel of the brake pedal. The brake light display consists of a row of light emitting diodes (LEDs) which are arranged to illuminate from the opposite ends towards the middle as the brake pedal is depressed and to extinguish in reverse sequence when the brake pedal is released.