

ABSTRACT

BUILT-IN TIRE PRESSURE MONITORING AND ALARMING DEVICE

The present invention discloses a built-in tire pressure monitoring and alarming device. A housing is provided therein with a reference chamber and an inlet pipe extended from the reference chamber to a valve stem, and a reference chamber valve capable of sealing and opening the inlet pipe is mounted within the inlet pipe. A throttle core of the reference chamber valve is directly resisted against a core bar of a throttle core. During the tire is inflated, the throttle core is pushed open, the core bar of the throttle core is pushed against the valve core, and then the reference chamber valve is opened so that the reference chamber is inflated. After the inflation is accomplished, the throttle core is restored and the reference chamber valve is closed so that the reference chamber is sealed.

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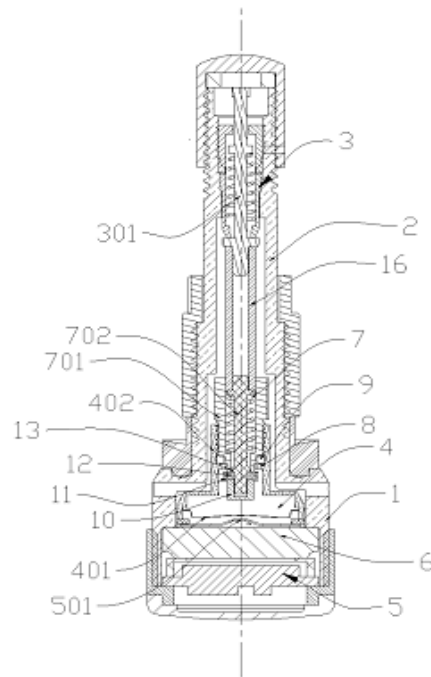


Fig. 1

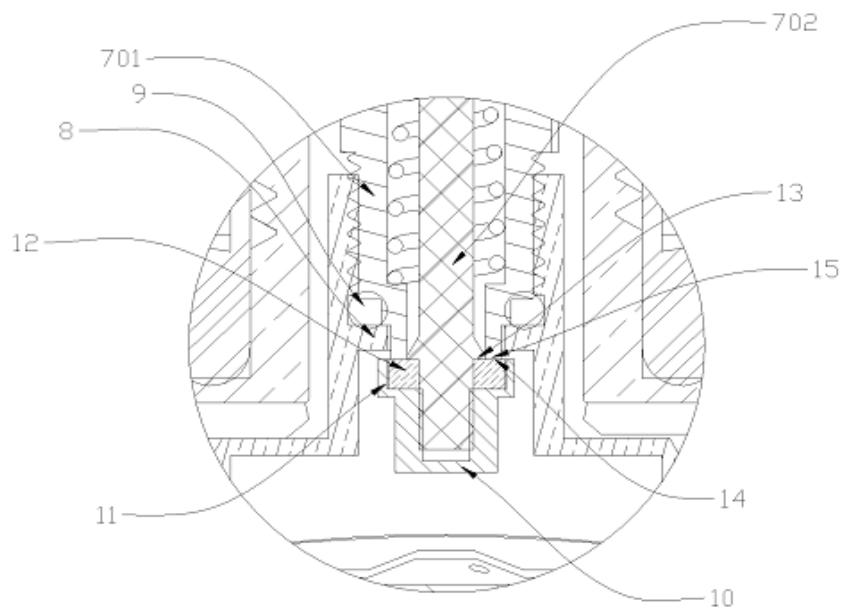


Fig. 2