

Title (en)

SYSTEMS AND METHODS FOR LEAK DETECTION AND REMOTE, NON-INTRUSIVE, AUTOMATIC SHUTOFF IN RESIDENTIAL REGULATORS

Title (de)

SYSTEME UND VERFAHREN ZUR LECKERKENNUNG UND ZUM FERNGESTEUERTEN, NICHTINTRUSIVEN AUTOMATISCHEN ABSCHALTEN IN HEIMREGLERN

Title (fr)

SYSTÈMES ET MÉTHODES DE DÉTECTION DE FUITE ET RÉGULATEURS D'HABITATION D'ARRÊT AUTOMATIQUE À DISTANCE, ET DE FAÇON NON INTRUSIVE

Publication

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Application

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Abstract (en)

[origin: EP3467356A2] Systems and methods for leak detection and remote, non-intrusive, automatic shutoff in residential regulators are provided. Such systems and methods can include a shutoff device that includes a mounting bracket for mounting on a supply container, a linking device for coupling to a knob of a valve of a regulator of the supply container, and an actuator for, responsive to a control signal, automatically rotating the linking device, which rotates the knob, which rotates the valve from an on position to an off position. In some embodiments, a leak sensor can detect a presence of a fuel leak and, responsive thereto, transmit the control signal to the actuator, and in some embodiments, a position sensor can determine that a current position of the valve is indicative of the on position and, responsive thereto, transmit the control signal to the actuator.

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