

SYSTEM AND METHOD FOR OPERATING A FAUCET

ABSTRACT

The present invention relates to a system and method for operating a faucet. In particular, there is a water faucet system comprising a sensor for detecting an object,
5 a processor arranged in communication with the sensor and a solenoid valve to switch the solenoid valve from a first state to a second state when the object is detected to allow flow of water through a water faucet, the sensor and solenoid valve arranged to be powered by a primary power source, a secondary power source arranged in communication with the processor, wherein the processor is configured to monitor a
10 first parameter of the primary power source and switches to the secondary power source for powering the sensor and solenoid valve when the first parameter of the primary power source reaches a pre-determined threshold.

Figure 2