

ELECTRONIC OPHTHALMIC LENS WITH LID POSITION SENSOR

ABSTRACT

An eyelid position sensor system for an ophthalmic lens comprising an electronic system is described herein. The eyelid position sensor system is part of an electronic system incorporated into the ophthalmic lens. The electronic system includes one or more batteries or other power sources, power management circuitry, one or more sensors, clock generation circuitry, control algorithms and circuitry, and lens driver circuitry. The eyelid position sensor system is utilized to determine eyelid position and use this information to control various aspects of the ophthalmic lens.

Fig. 12