

ELECTRONIC OPHTHALMIC LENS WITH EYE GAZE SENSOR

ABSTRACT

A gaze direction tracking system for an ophthalmic lens comprising an electronic system is described herein. The gaze direction tracking 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 gaze direction tracking system is utilized to determine pupil position and use this information to control various aspects of the ophthalmic lens.

Fig. 14