

ELECTRONIC OPHTHALMIC LENS WITH MULTI-INPUT VOTING SCHEME

ABSTRACT

An electronic or powered ophthalmic lens includes one or more systems having 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. These systems may change the state of the powered ophthalmic lens. In systems having one or more sensors, a decision making process is required to substantially reduce the possibility of changing the state of the powered ophthalmic lens based upon inaccurate, incomplete or erroneous information supplied by the sensors, changing physiologic conditions , as well as noise and/or interference from internal and external sources.

Fig. 12