

METHOD AND OPHTHALMIC DEVICE FOR PROVIDING VISUAL REPRESENTATIONS TO A USER

ABSTRACT OF THE DISCLOSURE

An energized ophthalmic lens device is disclosed. The energized ophthalmic lens device can include one or more modulated photonic emitters, a media insert supporting a first processor and one or more light sources, and one or more antennas configured to communicate with the first processor and a second processor. The one or more light sources can be configured to generate light. At least a portion of the generated light from the one or more light sources can be emitted by the one or more photonic emitters. The first processor can be configured to receive, from a sensor, an indication to project a visual representation. The processor can further be configured to control, in response to the received indication, at least one of the one of more modulated photonic emitters and the one or more light sources based on one or more programmed parameters.

Fig. 1