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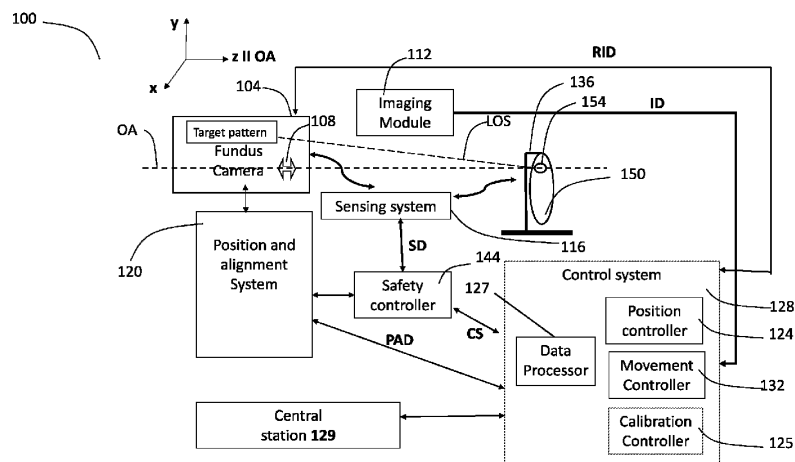


FIG. 1

(57) Abstract: A retinal imaging system is provided. The system comprises: a fundus camera having a focusing mechanism; an imaging module configured for imaging user's face and eyes and providing image data indicative of a relative orientation between an optical axis of the fundus camera and a line of sight of user's eye at user's eye target position; a position and alignment system configured and operable to utilize the image data indicative of said relative orientation for positioning the fundus camera at an operative position such that the optical axis substantially coincides with the line of sight of user's eye, to enable focusing the fundus camera on the retina; a sensing system comprising one or more sensors, configured and operable for monitoring a user's face position with respect to a predetermined registration position and generating corresponding sensing data; and a safety controller configured and operable to be responsive to the sensing data, and upon identifying that the user's face position with respect to the predetermined registration position

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corresponds to a predetermined risk condition, generating a control signal to the position and alignment system to halt movements of the fundus camera.