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(54) Title: SYSTEM AND METHOD FOR ACQUIRING DATA AND ALIGNING AND TRACKING OF AN EYE

(57) Abstract: A system and a corresponding method is provided for aligning and/or tracking of an eye of a patient with reference to an ophthalmic unit for performing diagnosis and/or treatment of the eye. The system comprises means for providing a previously acquired iris code of the eye, an iris recognition unit for acquiring an iris code of the eye under investigation and a comparator for comparing the previously acquired iris code with the present iris code and to provide a comparison result. The ophthalmic unit performs said diagnosis and/or treatment of the eye when said comparison result is greater than an identification determining level.