Abstract

Method for automated inline determination of the refractive power of an ophthalmic lens

A method for an automated inline determination of the refractive power of an ophthalmic lens (5) comprises the steps of providing an inspection cuvette comprising an optically transparent bottom (21) having a concave inner surface (210) and containing the ophthalmic lens (5) immersed in a liquid, and providing a light source (42) and a wavefront sensor (6) comprising a detector. The light coming from the light source (42) and having passed the ophthalmic lens (5) contained in the inspection cuvette and impinging on the detector generates signals at the detector. By comparing the signals generated at the detector with predetermined signals representative of a reference refractive power, the refractive power of the ophthalmic lens (5) is thereby determined.

[Figure 3 for publication]