

- 21 -

Abstract

Method for mounting or determining the position of a
semi-finished optical product on a manufacturing
mandrel during the manufacture of a spheric or aspheric
lens

In a method for mounting or for determining the position of a semi-finished optical product (3) on a manufacturing mandrel (2) during the manufacture of a spheric or aspheric lens, the position of the semi-finished product (3) on the manufacturing mandrel (2) is determined using an optical method and/or an adjustment of the semi-finished product (3) on the manufacturing mandrel (2) is carried out with the aid of an optical method, in which a transparent optical auxiliary element (5) with a polished upper surface and a lower surface which is adapted to the second surface of the semi-finished product (3) is applied with a medium (7) in between for index adaptation to the second surface of the semi-finished product (3), and is trans-illuminated with at least one optical beam (6) in such a way that the optical beam (6) is reflected in each case partially on the upper surface of the auxiliary element (5) and on the first surface of the semi-finished product (3), and at least the beam portion which is reflected by the first surface of the semi-finished product (3) is detected using a spatially resolving optical detector.

(No figure)