

Abstract

5 The invention relates to an optical detection device for the detection of at least one surface (11a) of at least one component (11), the component (11) being capable of being transported from a first to a second work-station (2, 3) by means of a retaining element (15), and a camera instru-
10 ment (18) being directed onto a first surface (11a) of the component (11), with at least one light-source (12) which transmits first light-beams (25, 26) in the short-wave range to the first surface (11a),
with at least one second light-source (13a, 13b) which transmits second light-beams (29, 30) in the long-wave range to at least one second surface (11b, 11c) of the component (11) which is oriented differently in relation to
15 the first surface (11a), and
with the camera instrument which receives the first and second light-beams (27, 33, 34) reflected on the surfaces (11a-c) for the purpose of generating an image (37) of the surfaces.

(Fig. 4)