

Abstract

Optical device for representing a central image (10) of an object (1) and at least one lateral image (11, 12, 13, 14) of the same object (1), with the length of the real optical path of said central image (10) being
5 different from the length of the real optical path of said at least one lateral image (11, 12, 13, 14) and the length of the apparent optical path of said central image (10) being equal to the length of the apparent optical path of said at least one lateral image (11, 12, 13, 14), and module for the optical inspection of objects comprising such an optical device and an
10 optical system (7) allowing a central image (10) of the object (1) and at least one lateral image (11, 12, 13, 14) of this same object (1) to be captured simultaneously. The apparent optical paths of the central image (10) and of the lateral image (11, 12, 13, 14) being identical, these two images can be captured and correctly focussed simultaneously by a same
15 viewing system (7).

(Figure 4)