

DEVICE AND METHOD FOR AN INTERFEROMETRIC MEASURING OF AN OBJECT

Abstract

5 A device for measuring interferometric of an object, including a source to generate a source beam, a beam splitting device and a reference beam, an optic interference device and a first detector, which cooperate such that the measuring beam reflected by the object at least partially is at least partially interfered as the receiver beam and the reference beam on a detector area of the first detector. The beam splitting
10 device splits the source beam into a measuring beam, a first partial reference beam, and at least one second partial reference beam. There is at least one second detector embodied such that the first receiver beam is interfered with the first partial reference beam on a detection area of the first detector and the second partial receiver beam with a second partial reference beam on a detection area of the
15 second detector, each with the formation of an optic interference.

Figure 1 accompanies the abstract