

ABSTRACT

DEFOCUS AMOUNT DETERMINING METHOD AND APPARATUS, DEVICE, AND MEDIUM

This application discloses a defocus amount determining method and apparatus, a device and a medium, and relates to the field of laser-based focusing. The method includes: obtaining a target laser image, where the target laser image is a laser image that is of a first target object and that is obtained under an actual focusing condition; dividing the target laser image according to a division rule to obtain a plurality of first region images, where the division rule refers to dividing a to-be-divided image in a direction perpendicular to a laser line of the to-be-divided image; selecting a first region image with a confidence not less than a first threshold according to a confidence of each first region image, to obtain a first target region image; calculating a defocus amount mean value of all of the first target region images according to a defocus amount of each first target region image, to obtain a first defocus amount mean value; and determining a defocus amount in laser-based focusing according to the first defocus amount mean value. According to this application, precision of the determined defocus amount in laser-based focusing is improved.

FIG. 1