

Title (en)

OPTICAL DEVICE COMPRISING AN LIGHT SOURCE

Title (de)

OPTISCHE VORRICHTUNG MIT EINER BELEUCHTUNGSQUELLE

Title (fr)

DISPOSITIF OPTIQUE COMPORTANT UNE SOURCE D'ECLAIRAGE

Publication

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Application

EP 03762496 A 20030618

Priority

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- EP 0306397 W 20030618

Abstract (en)

[origin: WO2004006021A2] The invention relates to an optical device for illuminating an object of which an image should be formed with the aid of corresponding optics. The inventive device comprises a light source (210), which is arranged in the vicinity of or in an pupillary plane of illuminating optics and which produces an illuminating light beam. The illuminating optics are placed between the light source (210) and the object. The illuminating light beam used during an illumination cycle is composed of a number individual beams in two dimensions and in a matrix-like manner. The inventive device also comprises a control device (220) for selectively producing (216, 217) the individual beams. The selection ensues in such a manner that the shape of the illuminating light beam can be predetermined by the respectively produced individual beams. This enables the rapid and variable adjustment of illumination settings adapted to the respective imaging requirements.

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DOCDB simple family (publication)

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