

Title (en)

MICROMECHANICAL APPARATUS AND METHOD FOR PROJECTION OF ELECTROMAGNETIC RADIATION

Title (de)

MIKROMECHANISCHE VORRICHTUNG UND VERFAHREN ZUM PROJIZIEREN ELEKTROMAGNETISCHER STRAHLUNG

Title (fr)

DISPOSITIF MICROMÉCANIQUE ET PROCÉDÉ DE PROJECTION D'UN RAYONNEMENT ÉLECTROMAGNÉTIQUE

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Application

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Abstract (en)

[origin: WO2009007139A1] The present invention relates to a micromechanical apparatus having a moving element which comprises a controllable heating apparatus for introduction of a defined amount of heat into the moving element, wherein the apparatus furthermore has a control unit (5) which is designed to control the heating apparatus as a function of an instantaneous temperature and/or of an instantaneous amount of heat that is introduced. By way of example, the apparatus can be designed to project electromagnetic radiation when the moving element is in the form of a beam deflection unit (2) for deflection of radiation, which originates from a radiation source (1), onto a projection surface (3). Finally, the invention also relates to a corresponding method for projection of electromagnetic radiation.

IPC 8 full level

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