

Title (en)  
DEVICE FOR IRRADIATING A SUBSTRATE

Title (de)  
VORRICHTUNG ZUR BESTRAHLUNG EINES SUBSTRATS

Title (fr)  
DISPOSITIF D'IRRADIATION D'UN SUBSTRAT

Publication  
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Application  
**EP 13702891 A 20130118**

Priority  
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Abstract (en)  
[origin: WO2013143633A1] Known devices for irradiating a substrate have a receptacle for the substrate to be irradiated, with a circular irradiation area and a first optical radiator with at least one radiator tube arranged on an illumination plane running parallel to the irradiation area. The illumination length of the radiator tube comprises a centre section and two end sections, wherein the length of the centre section makes up at least 50% of the illumination length. The receptacle and the optical radiator can be moved relative to each other. In order to specify, on the basis thereof, a device for the thermal treatment of a substrate that enables a homogeneous or rotationally symmetrical heating of the substrate, and that also requires low design and control technology effort, the invention proposes that the radiator tube has a continuously decreasing curvature in the centre section thereof, under the proviso that the illumination length of the radiator tube extends over a bend angle of less than 2 pi.

IPC 8 full level  
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**B01J 19/128** (2013.01 - US); **B05D 3/06** (2013.01 - US); **H01L 21/67115** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2013143633A1

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