

Title (en)  
FLAT UV DISCHARGE LAMP, USES AND MANUFACTURE

Title (de)  
FLACHE UV-ENTLADUNGSLAMPE, IHRE VERWENDUNGEN UND IHRE HERSTELLUNG

Title (fr)  
LAMPE PLANE UV A DECHARGE, UTILISATIONS ET FABRICATION

Publication  
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Application  
**EP 08788198 A 20080417**

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Abstract (en)  
[origin: WO2008145908A2] The invention relates to a flat lamp (1) transmitting radiation in the ultraviolet, called a UV lamp, comprising: first and second flat dielectric walls (2, 3) facing each other, kept approximately parallel and sealed between them, thus defining an internal space (10) filled with a gas (7), at least the first dielectric wall being made of a material transmitting said UV radiation; electrodes consisting of the first and second electrodes (4, 5) at different given potentials, for a perpendicular discharge between the walls, at least the first electrode being based on a layer arranged to provide overall transmission of the UV; an emitting gas or a phosphor coating (6) on a main internal face (22, 32) of the first and/or second dielectric wall (2, 3), the phosphor emitting said UV radiation by being excited by the gas. The invention also relates to its uses and to its manufacture.

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