

Title (en)

DEVICE FOR EXPOSING A SUBSTRATE TO UV RAYS AND METHOD FOR USING THIS DEVICE

Title (de)

VORRICHTUNG ZUM BESTRAHLEN EINES SUBSTRATS MITTELS UV-STRAHLEN UND VERFAHREN ZUM BETRIEB DER VORRICHTUNG

Title (fr)

DISPOSITIF POUR L'EXPOSITION D'UN SUBSTRAT A DES RAYONS UV ET PROCEDE POUR L'EXPLOITATION DE CE DISPOSITIF

Publication

**EP 0985121 B1 20030910 (DE)**

Application

**EP 98916778 A 19980507**

Priority

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- CH 122597 A 19970526

Abstract (en)

[origin: WO9854525A1] The invention relates to a device comprising a UV lamp (2) which is accommodated in a housing (3) in such a way that UV rays emerge directly or indirectly from an exit (4), and strike a substrate (1) which is to be exposed to the rays. The lamp is air-cooled in a closed circuit, whereby the air enters the housing through an air inlet (6) and leaves the housing again through an air outlet (7). The exit (4) is sealed with a glass plate transparent to UV, so that neither cooling air nor ozone can exit directly from the housing. This also protects the lamp and the reflector surrounding the lamp from being dirtied by the suctioned cooling air.

IPC 1-7

**F26B 3/28**

IPC 8 full level

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Cited by

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