

Title (en)

RADIATION DEVICE FOR DISINFECTION OF OBJECTS

Title (de)

BESTRAHLUNGSVORRICHTUNG ZUR DESINFEKTION VON GEGENSTÄNDEN

Title (fr)

DISPOSITIF DE RAYONNEMENT POUR LA DÉSINFECTION D'OBJETS

Publication

**EP 4161591 A1 20230412 (EN)**

Application

**EP 21818217 A 20210603**

Priority

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- SE 2021050520 W 20210603

Abstract (en)

[origin: WO2021246944A1] The present invention relates to a radiation device (I; II; III) configured for disinfection of objects (01; 02; 03) by means of ultraviolet (UV) radiation. The radiation device comprises an enclosure (10) configured to enclose objects (01; 02; 03) to be disinfected, and a radiation emitting arrangement (20) arranged inside said enclosure (10) for providing said radiation. The radiation device is provided with different radiation zones (Z1; Z2; Z3) arranged within said enclosure (10) based on the configuration of the object (01; 02; 03) to be disinfected. Said different radiation zones (Z1; Z2; Z3) comprise at least one high level zone (Z1) being located within said enclosure (10) so that radiation resulting in higher degree of disinfection on one or more portions of the object (01; 02; 03) requiring said higher degree of disinfection is provided. Said different radiation zones (Z1; Z2; Z3) further comprise at least one low level zone (Z2) being located within said enclosure (10) so that radiation resulting in lower degree of disinfection, compared to said higher degree of disinfection, on one or more portions of the object (01; 02; 03) only requiring said lower degree of disinfection is provided.

IPC 8 full level

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