

Title (en)

UV LAMP FOR DISINFECTING OBJECTS AND AIR IN A SPACE, SPACE CONTAINING THE UV LAMP AND USE OF THE UV LAMP

Title (de)

UV-LAMPE ZUR DESINFEKTION VON OBJEKTEN UND LUFT IN EINEM RAUM, RAUM ENTHALTEND DIE UV-LAMPE UND VERWENDUNG DER UV-LAMPE

Title (fr)

LAMPE UV POUR DÉSINFECTER DES OBJETS ET L'AIR DANS UN ESPACE, ESPACE CONTENANT CETTE LAMPE UV ET UTILISATION DE LADITE LAMPE UV

Publication

**EP 4017547 A1 20220629 (DE)**

Application

**EP 20757582 A 20200817**

Priority

- DE 102019212340 A 20190819
- EP 2020072991 W 20200817

Abstract (en)

[origin: WO2021032674A1] The application relates to a UV lamp, which is provided for disinfecting a space. The UV lamp contains a lamp body (1), which is subdivided into at least two sectors (2, 2'), at least one UV-C-LED array (3, 3') in each sector of the lamp body, lenses (4, 4') for focusing UV-C light such that UV-C radiation is focused on different spatial regions around the UV lamp, a camera (5) which is configured to take pictures of various spatial regions and a control unit which is configured to carry out an evaluation of whether a living being and/or object that must not be irradiated is imaged in at least one picture taken by the camera, in at least one of the spatial regions.

IPC 8 full level

**A61L 2/10** (2006.01); **A61L 9/20** (2006.01)

CPC (source: EP)

**A61L 2/10** (2013.01); **A61L 2/24** (2013.01); **A61L 9/20** (2013.01); **H05B 45/20** (2020.01); **H05B 47/125** (2020.01); **H05B 47/155** (2020.01); **A61L 2202/11** (2013.01); **A61L 2202/25** (2013.01)

Citation (search report)

See references of WO 2021032674A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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