

Title (en)

APPARATUS FOR IRRADIATING AN OBJECT

Title (de)

VORRICHTUNG ZUR BESTRAHLUNG EINES GEGENSTANDES

Title (fr)

DISPOSITIF SERVANT À EXPOSER À UN RAYONNEMENT UN OBJET

Publication

EP 3728973 A1 20201028 (DE)

Application

EP 18842767 A 20181219

Priority

- DE 202017006537 U 20171221
- DE 2018000374 W 20181219

Abstract (en)

[origin: WO2019120353A1] The invention relates to an apparatus (1) for irradiating an object (21), which comprises a plurality of modules (2), wherein each module (2) has one or more devices (4) for producing radiation (7) in the wavelength range from 280 nm to 3500 nm, wherein each module (2) has one or more openings oriented downward (22) and/or to the side (23) and/or forward (24) and/or rearward (25) for the output of radiation (7), and wherein modules (2) that are adjacent to one another can be connected directly or indirectly and reversibly or irreversibly to one another, wherein two mutually adjacent modules (2) produce a continuous irradiation field (5) of homogenous radiation energy density, the area of which corresponds at least to the sum of the areas of the radiation outlet openings (3) of mutually adjacent modules (2).

IPC 8 full level

F26B 3/28 (2006.01)

CPC (source: EP)

F26B 3/28 (2013.01); **F26B 3/30** (2013.01)

Citation (search report)

See references of WO 2019120353A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202017006537 U1 20180119; DE 112018006503 A5 20201112; EP 3728973 A1 20201028; WO 2019120353 A1 20190627

DOCDB simple family (application)

DE 202017006537 U 20171221; DE 112018006503 T 20181219; DE 2018000374 W 20181219; EP 18842767 A 20181219