

Title (en)
IRRADIATION APPARATUS, AND IRRADIATION METHOD

Title (de)
BESTRAHLUNGSEINRICHTUNG UND BESTRAHLUNGSVERFAHREN

Title (fr)
PROCÉDÉ ET DISPOSITIF D'IRRADIATION

Publication
EP 2019956 B1 20121010 (DE)

Application
EP 07729222 A 20070516

Priority
• EP 2007054774 W 20070516
• DE 102006025623 A 20060524

Abstract (en)
[origin: WO2007135063A1] The invention relates to an irradiation apparatus (2) for irradiating objects (4) in an irradiation chamber (8) with UV light. Said irradiation apparatus (2) comprises a lamp housing (12) that is provided with a light aperture (22), an elongate UV lamp (14) located in the lamp housing (12), and a primary reflector (16) which is also located in the lamp housing (12) and reflects UV light emitted in the direction of the primary reflector (16) through the light aperture (22) into the irradiation chamber (8) when objects are irradiated. In order to better utilize the light especially when three-dimensional objects (4) are irradiated, at least one adjustable secondary reflector (20, 20a 20b) is disposed outside the lamp housing (12). Said secondary reflector 20, 20a, 20b) partially surrounds the irradiation chamber (8) while the orientation thereof relative to the objects (4) can be modified with the aid of positioning means (44).

IPC 8 full level
F26B 3/28 (2006.01)

CPC (source: EP)
F26B 3/28 (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007135063 A1 20071129; EP 2019956 A1 20090204; EP 2019956 B1 20121010

DOCDB simple family (application)
EP 2007054774 W 20070516; EP 07729222 A 20070516