

Title (en)  
UV-LEDS PHOTOREACTOR APPARATUS AND ASSOCIATED METHODS

Title (de)  
UV-LEDS-PHOTOREAKTORVORRICHTUNG UND ZUGEHÖRIGE VERFAHREN

Title (fr)  
APPAREIL PHOTORÉACTEUR À DEL UV ET PROCÉDÉS ASSOCIÉS

Publication  
**EP 4247544 A1 20230927 (EN)**

Application  
**EP 21836266 A 20211112**

Priority  
• US 202063114582 P 20201117  
• US 2021059046 W 20211112

Abstract (en)  
[origin: WO2022108833A1] Aspects of the present disclosure relate to a photoreactor apparatus comprising a reaction vessel; an intake configured to receive a reactant solution and supply the reactant solution to the reaction vessel, the reactant solution comprising lysergic acid or a salt, ester or derivative thereof; a light source, the light source comprising one or more light-emitting diodes, LEDs, configured to irradiate the interior of the reaction vessel, the one or more LEDs having a peak emission wavelength within the ultraviolet range; and an outlet configured to allow a reaction product to flow from the reaction vessel.

IPC 8 full level  
**B01J 19/12** (2006.01); **A61K 31/48** (2006.01)

CPC (source: EP)  
**B01J 19/123** (2013.01); **C07D 457/04** (2013.01); **B01J 2219/00164** (2013.01); **B01J 2219/00186** (2013.01); **B01J 2219/0801** (2013.01); **B01J 2219/0869** (2013.01); **B01J 2219/0871** (2013.01); **B01J 2219/0877** (2013.01)

Citation (search report)  
See references of WO 2022108833A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022108833 A1 20220527**; EP 4247544 A1 20230927

DOCDB simple family (application)  
**US 2021059046 W 20211112**; EP 21836266 A 20211112