

Title (en)
LIGHTING COMPRISING A VENTILATED DISINFECTION DUCT

Title (de)
BELEUCHTUNG MIT BELÜFTETEM DESINFEKTIONSKANAL

Title (fr)
ÉCLAIRAGE COMPRENANT UN CONDUIT VENTILÉ DE DÉSINFECTION

Publication
EP 4188463 A1 20230607 (FR)

Application
EP 21759106 A 20210727

Priority

- FR 2007951 A 20200728
- FR 2021051403 W 20210727

Abstract (en)
[origin: WO2022023666A1] The invention relates to a device (1) for lighting and for disinfecting a gaseous mixture (G) comprising: - a first ventilation device (2) designed to suck a gaseous mixture through a suction port (3) of the first ventilation device; - a second ventilation device (4) designed to discharge a gaseous mixture through a discharge port (5) of the second ventilation device; - a disinfection duct (6) connecting the suction port (3) to the discharge port (5) and comprising a plurality of sources of disinfection radiation (7) arranged along the disinfection duct (6), each source of disinfection radiation being configured to emit disinfection radiation intended to disinfect the gaseous mixture (G) sucked into the disinfection duct (6); - a plurality of sources of illuminating radiation (8) arranged along the disinfection duct (6) on an outer surface of the disinfection duct (6) and intended to emit illuminating radiation; and - a housing (9) comprising a plurality of surfaces opaque to the disinfection radiation.

IPC 8 full level
A61L 9/20 (2006.01); **F21S 8/00** (2006.01); **F24F 1/00** (2019.01)

CPC (source: EP US)
A61L 9/20 (2013.01 - EP US); **F21S 8/061** (2013.01 - EP); **F21V 33/0064** (2013.01 - EP); **F21V 33/0088** (2013.01 - US); **F24F 8/22** (2021.01 - EP US); **F24F 8/80** (2021.01 - EP US); **A61L 2209/12** (2013.01 - EP US); **F21S 8/061** (2013.01 - US); **F21Y 2103/10** (2016.08 - EP US); **F21Y 2115/10** (2016.08 - EP US); **F24F 13/20** (2013.01 - EP)

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 2022023666 A1 20220203; CA 3187535 A1 20220203; CN 116209480 A 20230602; EP 4188463 A1 20230607; FR 3112959 A1 20220204; FR 3112959 B1 20240405; JP 2023536179 A 20230823; MX 2023001268 A 20230601; US 2023293760 A1 20230921

DOCDB simple family (application)
FR 2021051403 W 20210727; CA 3187535 A 20210727; CN 202180066414 A 20210727; EP 21759106 A 20210727; FR 2007951 A 20200728; JP 2023507229 A 20210727; MX 2023001268 A 20210727; US 202118018326 A 20210727