

Title (en)
CONTAINER FOR THE COMPLETE STERILIZATION OF OBJECTS BY MEANS OF UV IRRADIATION

Title (de)
BEHÄLTER ZUR VOLLSTÄNDIGEN STERILISATION VON GEGENSTÄNDEN MITTELS UV-BESTRAHLUNG

Title (fr)
RÉCIPIENT DE STÉRILISATION COMPLÈTE D'OBJETS AU MOYEN D'UNE IRRADIATION UV

Publication
EP 4232099 A1 20230830 (EN)

Application
EP 21806371 A 20211020

Priority
• IT 202000024964 A 20201022
• IB 2021059653 W 20211020

Abstract (en)
[origin: WO2022084875A1] Sterilizing container (1) with profile defined by any closed curve or polygonal shape comprising, on at least one of its external surfaces (2) of its thickness, at least a first button (3) adapted to open and close a small drawer (4) made in the thickness of said sterilizing container (1) and adapted to receive at its interior, on its lower internal surface (4'), the object that one intends to sterilize; at least a second on/off button (5) adapted to turn on/off a UV irradiation system, inside said container (1), adapted to allow starting the process of sterilization of the object as well as its interruption; at least a first warning light (6) which indicates, by means of red LED light emission, the state of sterilization operation underway, and at least a second green warning light (7), indicating that the operation has been completed and which also indicates to the user that it is possible to act on said first opening/closing button (3) for the recovery of the sterilized object, said sterilizing container (1) being characterized in that said UV irradiation system comprises at least a UV light emitter (8) rollable as a 360° spiral in clockwise and counter-clockwise sense.

IPC 8 full level
A61L 2/10 (2006.01)

CPC (source: EP)
A61L 2/10 (2013.01)

Citation (search report)
See references of WO 2022084875A1

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 2022084875 A1 20220428; EP 4232099 A1 20230830; IT 202000024964 A1 20220422

DOCDB simple family (application)
IB 2021059653 W 20211020; EP 21806371 A 20211020; IT 202000024964 A 20201022