

Title (en)

CONFINEMENT ASSEMBLY INTENDED TO BE INSTALLED IN A HIGH-RISK ROOM, AND METHOD FOR IMPLEMENTING SAME

Title (de)

BEGRENZUNGSANORDNUNG ZUM EINBAU IN EINEN HOCHRISIKORAUM UND VERFAHREN ZU DEREN DURCHFÜHRUNG

Title (fr)

ENSEMBLE DE CONFINEMENT DESTINE A ETRE INSTALLE DANS UNE PIECE A RISQUES, ET SON PROCEDE DE MISE EN ?UVRE

Publication

EP 4103797 A1 20221221 (FR)

Application

EP 21704328 A 20210208

Priority

- FR 2001295 A 20200210
- IB 2021050984 W 20210208

Abstract (en)

[origin: WO2021161144A1] This confinement assembly (I), which is intended to be fitted to a high-risk room (100) in order to permit safe interventions in that room, comprises an airlock (1) equipped with two passages (19, 20), a skirt (3) that is as one with the airlock, this skirt defining a confined tunnel (4) opening into one (20) of the two passages, means (42) for pressing the skirt onto a partition (110) of the room, means (5) for extracting the contaminated air, that is present in said room, through a lateral wall (33) of the skirt, in such a way that the room volume is placed at reduced pressure compared to the tunnel, and means (80, 82) for the controlled admission of air into said room, which means are able to admit air into that room when the value of said reduced pressure is greater than a predetermined threshold. The confinement assembly according to the invention provides, first and foremost, effective protection with respect to the personnel tasked with carrying out operations in the high-risk room. Moreover, it has the advantage of a smaller footprint, implementation can be reversible, and it can be installed rapidly inside the high-risk room. This is especially attractive in the context of an epidemic-type episode, which requires a large number of rooms to be fitted out in order to accommodate a high number of at least potentially contaminated patients.

IPC 8 full level

E04H 1/12 (2006.01); **A61G 10/02** (2006.01); **E04H 15/20** (2006.01); **G21F 7/00** (2006.01)

CPC (source: EP)

A61G 10/02 (2013.01); **E04H 1/125** (2013.01); **E04H 1/1277** (2013.01); **E04H 15/20** (2013.01); **G21F 7/00** (2013.01); **G21F 7/015** (2013.01); **A61G 10/005** (2013.01); **E04H 2015/201** (2013.01)

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)

FR 3107073 A1 20210813; **FR 3107073 B1 20220107**; EP 4103797 A1 20221221; EP 4103797 B1 20240626; WO 2021161144 A1 20210819

DOCDB simple family (application)

FR 2001295 A 20200210; EP 21704328 A 20210208; IB 2021050984 W 20210208