

Title (en)

A device for isolating a patient.

Title (de)

Vorrichtung zum Isolieren eines Patienten.

Title (fr)

Appareil pour isoler un patient.

Publication

EP 0619108 A1 19941012 (EN)

Application

EP 94630018 A 19940324

Priority

IL 10523093 A 19930331

Abstract (en)

An enclosure (10) for isolating a patient comprises an external frame (12) and a flexible envelope (14) suspended from and hanging within the frame. The envelope has a bottom (16), top (18), two sides (20, 22), front (24) and a rear (26) wall portions, one of the side or front wall portions being fitted with a closable entry means (32) allowing entry of the patient. There is an opening (46) in one of the wall portions fitted with an integral filter means (48) adapted to filter out infectious particles from the air and to cooperate with a pump means (50), and a valve means (36) allowing uni-directional air passage from the outside to the inside of the enclosure. The pump means draws air through said filter means which creates a negative pressure inside the enclosure, whereby air flows in the direction valve-enclosure-filter means ensuring that no contaminating agents will escape from within the enclosure to the outside. <IMAGE>

IPC 1-7

A61G 10/00

IPC 8 full level

A61G 10/00 (2006.01)

CPC (source: EP)

A61G 10/005 (2013.01)

Citation (search report)

- [Y] FR 2133344 A5 19721124 - CALHENE, et al
- [Y] US 5074897 A 19911224 - SIKICH ALBERT H [US]
- [A] US 5074894 A 19911224 - NELSON TIMOTHY P [US]
- [A] GB 2178772 A 19870218 - PI CAT LTD
- [A] US 3345996 A 19671010 - SADOVE MAX S, et al
- [A] US 4934396 A 19900619 - VITTA MICHAEL F [US]

Cited by

WO2018165715A1; CN105708629A; CN110582259A; CN111135677A; CN112594843A; EP1495743A1; DE102013005427B3; GB2314859A; US2021388611A1; US11519168B2; US10016252B1; US7323025B2; US6966937B2; WO2014165600A1; US11234880B2; EP3153144A1; WO2005009316A1; WO2004035094A3; WO2023197098A1; WO2021258445A1; WO2023077191A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0619108 A1 19941012; JP H07461 A 19950106

DOCDB simple family (application)

EP 94630018 A 19940324; JP 7918294 A 19940328