

Title (en)
SINGLE-USE ISOLATOR WITH LAMINAR FLOW AND DOUBLE FILTRATION

Title (de)
EINWEGISOLATOR MIT LAMINARSTRÖMUNG UND DOPPELFILTERUNG

Title (fr)
ISOLATEUR A USAGE UNIQUE, A FLUX LAMINAIRE ET FILTRATION DOUBLE

Publication
EP 3630424 A1 20200408 (FR)

Application
EP 18737332 A 20180524

Priority
• FR 1770535 A 20170524
• FR 2018000138 W 20180524

Abstract (en)
[origin: CA3100754A1] The invention relates to a single-use isolator for manufacturing batches of sensitive products, particularly medicines, in a sterile environment, comprising a framework (10) and an enclosure (12) suspended from said framework (10), an upper air inlet (14S) on the upper side of the enclosure (12) and an air outlet (141) on the lower side of the enclosure (12), characterised in that said air inlet and outlet (14S, 141) are provided with an upper module (16S) and a lower module (161) respectively comprising upper ventilation means (18S) and lower ventilation means (181) as well as upper filtration means (20S) and lower filtration means (201).

IPC 8 full level
B25J 21/02 (2006.01); **B01L 1/04** (2006.01); **B08B 15/02** (2006.01); **B65B 3/00** (2006.01); **B65B 55/02** (2006.01); **C12M 1/00** (2006.01); **F24F 3/16** (2006.01)

CPC (source: EP GB)
B01L 1/025 (2013.01 - EP GB); **B01L 1/04** (2013.01 - EP GB); **B08B 15/023** (2013.01 - EP GB); **B25J 21/02** (2013.01 - EP GB); **F24F 3/163** (2021.01 - EP GB); **B08B 15/026** (2013.01 - EP GB); **B08B 2215/003** (2013.01 - EP GB)

Citation (search report)
See references of WO 2018215704A1

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

DOCDB simple family (publication)
FR 3066712 A1 20181130; FR 3066712 B1 20190726; CA 3100754 A1 20181129; CA 3100754 C 20230704; EP 3630424 A1 20200408; GB 201919306 D0 20200205; GB 2577835 A 20200408; GB 2577835 B 20220216; WO 2018215704 A1 20181129; WO 2018215704 A8 20190516

DOCDB simple family (application)
FR 1770535 A 20170524; CA 3100754 A 20180524; EP 18737332 A 20180524; FR 2018000138 W 20180524; GB 201919306 A 20180524