

Title (en)

Air curtain-isolated biosafety cabinet

Title (de)

Luftvorhangisolierter Biosicherheitsschrank

Title (fr)

Armoire de biosécurité isolée par rideau d'air

Publication

EP 2014365 A2 20090114 (EN)

Application

EP 07123726 A 20071219

Priority

TW 96209015 U 20070601

Abstract (en)

A biological safety cabinet (BSC) has an air curtain to isolate air inside and outside the BSC. A most preferable slight concave curtain of air can be obtained. With the curtain, neither contamination in the BSC leaks out nor outside contamination enters the BSC. Furthermore, no circulation is formed in the BSC by blowing the air curtain. Thus, the operator using the BSC and the product in the BSC are both well protected.

IPC 8 full level

B01L 1/00 (2006.01); **B08B 15/02** (2006.01); **F24F 3/16** (2006.01)

CPC (source: EP)

B01L 1/50 (2013.01); **B08B 15/023** (2013.01); **F24F 3/163** (2021.01); **F24F 9/00** (2013.01)

Cited by

IT201600078030A1; CN113339914A; CN102349451A; CN115608713A; ES2522919A1; CN102266210A; CN111315484A; FR3079601A1; US11608999B2; US11666899B2; WO2018019771A1; WO2019185764A1; TWI801898B

Designated contracting state (EPC)

DE FR GB IT NL

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2014365 A2 20090114; **EP 2014365 A3 20090617**; **EP 2014365 B1 20130417**; JP 2008295448 A 20081211; JP 4775595 B2 20110921; TW M326441 U 20080201

DOCDB simple family (application)

EP 07123726 A 20071219; JP 2007330290 A 20071221; TW 96209015 U 20070601