

Title (en)

Installation for the aseptic filling of a liquid product

Title (de)

Anlage zum aseptischen Abfüllen eines flüssigen Füllgutes

Title (fr)

Installation pour le remplissage aseptique d'un produit liquide

Publication

EP 1561722 B1 20061227 (DE)

Application

EP 05000781 A 20050115

Priority

DE 102004005342 A 20040204

Abstract (en)

[origin: EP1561722A1] The plant, with at least one filling unit and at least one closure unit for filling liquid substances into bottles or similar containers under clean-room conditions, comprises an enclosure surrounding fully or partially one or both of these units and forming an exhaust air duct or being connected to such a duct.

IPC 8 full level

B01D 46/00 (2006.01); **B65B 55/04** (2006.01); **B67C 7/00** (2006.01); **F24F 7/06** (2006.01)

CPC (source: EP US)

B67C 7/002 (2013.01 - EP US); **B67C 7/0073** (2013.01 - EP US)

Cited by

EP4098602A1; CN103492271A; CN102219174A; EP3757024A1; US12006200B2; WO2009095182A3; WO2011029609A3; US9302896B2; WO2020260432A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 1561722 A1 20050810; **EP 1561722 B1 20061227**; DE 102004005342 A1 20050901; DE 102004005342 B4 20060126; DE 502005000250 D1 20070208; JP 2005219813 A 20050818; JP 4955924 B2 20120620; RU 2005102667 A 20060710; RU 2354605 C2 20090510; US 2005188651 A1 20050901; US 9133007 B2 20150915

DOCDB simple family (application)

EP 05000781 A 20050115; DE 102004005342 A 20040204; DE 502005000250 T 20050115; JP 2005025195 A 20050201; RU 2005102667 A 20050203; US 5048405 A 20050203