

Title (en)

Device for generating a reduced pressure in an enclosed space of a tableting press and/or an isolator

Title (de)

Vorrichtung zur Erzeugung eines Unterdrucks im abgedichteten Raum einer Tablettenpresse und/oder eines Isolators

Title (fr)

Dispositif pour la génération d'une pression réduite dans un espace fermé d'une presse pour comprimés et/ou d'un isolateur

Publication

EP 1803508 A3 20080730 (DE)

Application

EP 06025286 A 20061207

Priority

DE 102005061787 A 20051223

Abstract (en)

[origin: EP1803508A2] The vacuum creating device includes an ejector (26), the suction side of which is connected to a sealed cavity (12). The ejector is supplied with compressed air via a valve (38a). A sensor (42) is connected to a vacuum regulator (44) controlling the valve, which it opens if the sensor misses an excessive pressure in the sealed cavity.

IPC 8 full level

B08B 15/02 (2006.01); **B30B 15/00** (2006.01); **F24F 7/06** (2006.01); **F24F 11/00** (2006.01)

CPC (source: EP US)

B08B 15/02 (2013.01 - EP US); **B30B 15/0082** (2013.01 - EP US); **F24F 11/0001** (2013.01 - EP US); **F24F 2011/0005** (2013.01 - EP US); **F24F 2110/40** (2017.12 - EP US); **F24F 2140/10** (2017.12 - EP US)

Citation (search report)

- [X] WO 2005113169 A1 20051201 - SKAN AG [CH], et al
- [A] US 6428410 B1 20020806 - CAMPBELL MICHAEL C [US]
- [A] US 5626066 A 19970506 - LALLEMENT REGIS [FR]
- [A] US 2001032396 A1 20011025 - TOSHIMA TAKAYUKI [JP], et al

Cited by

DE102016123279B4; EP3335867A1; DE102016123279A1; WO2014195445A1; US10967597B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1803508 A2 20070704; **EP 1803508 A3 20080730**; **EP 1803508 B1 20130213**; DE 102005061787 A1 20070628; US 2007149108 A1 20070628; US 7749053 B2 20100706

DOCDB simple family (application)

EP 06025286 A 20061207; DE 102005061787 A 20051223; US 61262906 A 20061219