

Title (en)

VACUUM SEALING SYSTEM, APPARATUS, AND METHOD

Title (de)

VAKUUMVERSIEGELUNGSSYSTEM, VORRICHTUNG UND VERFAHREN

Title (fr)

SYSTÈME, APPAREIL ET PROCÉDÉ DE SCELLEMENT SOUS VIDE

Publication

EP 3487766 A4 20200729 (EN)

Application

EP 17831996 A 20170721

Priority

- US 201662365038 P 20160721
- US 2017043394 W 20170721

Abstract (en)

[origin: US2018022490A1] A vacuum sealing system includes a vacuum pump, a lower tool to hold one or more trays carrying product, an upper tool to seal a plastic film onto the one or more trays, the upper tool including at least one seal plate with a seal plate cavity and a vacuum clamp, the system also including a controller to control the vacuum pump, the lower tool, and the upper tool.

IPC 8 full level

B65B 51/10 (2006.01); **B65B 11/52** (2006.01); **B65B 31/02** (2006.01); **B65B 57/00** (2006.01); **B65B 59/02** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [XY] EP 2905232 A1 20150812 - MULTIVAC SEPP HAGGENMÜLLER GMBH & CO KG [DE]
- [Y] WO 03016169 A1 20030227 - JANG SUNG MOON [KR]
- [Y] WO 2005021384 A1 20050310 - HENKEL KGAA [DE], et al
- [Y] WO 2015091404 A1 20150625 - CRYOVAC INC [US], et al
- See references of WO 2018018016A1

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

DOCDB simple family (publication)

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DOCDB simple family (application)

US 201715651825 A 20170717; EP 17831996 A 20170721; US 2017043394 W 20170721