

Title (en)
VACUUM STORAGE CONTAINER

Title (de)
VAKUUMAUFBEWAHRUNGSBEHÄLTER

Title (fr)
RÉCIPIENT DE STOCKAGE SOUS VIDE

Publication
EP 2212210 A4 20111228 (EN)

Application
EP 08853884 A 20081120

Priority
• US 2008084228 W 20081120
• US 99078107 P 20071128

Abstract (en)
[origin: WO2009070491A1] A storage container for storing and preserving food items includes a base providing a storage cavity and an attachable lid. To evacuate air from the storage cavity after the base and lid have been attached, the storage container may include a one-way valve element communicating with the storage cavity. The overall storage container can be sufficiently rigid so that it has an initial size and volume when in its un-evacuated condition. During evacuation, the air pressure within the storage cavity is reduced compared to the air pressure of the surrounding environment. This pressure differential can result in a compressive force being applied about the container. At least one of the base or lid can be made relatively flexible so that, when evacuated, the volume of the storage container is reduced.

IPC 8 full level
B65D 81/20 (2006.01); **B65D 25/16** (2006.01); **B65D 43/02** (2006.01); **B65D 77/20** (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP US)
B65D 43/0218 (2013.01 - EP US); **B65D 77/20** (2013.01 - EP US); **B65D 79/0087** (2020.05 - EP US); **B65D 81/2015** (2013.01 - EP US); **B65D 81/2038** (2013.01 - EP US); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/00296** (2013.01 - EP US); **B65D 2543/0037** (2013.01 - EP US); **B65D 2543/005** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00555** (2013.01 - EP US); **B65D 2543/00842** (2013.01 - EP US)

Citation (search report)
• [X] DE 202005020035 U1 20060223 - ROTHO KUNSTSTOFF AG WUERENLING [CH]
• [I] WO 2007106676 A2 20070920 - GLAD PRODUCTS CO [US], et al
• [Y] US 5944211 A 19990831 - WOODNORTH BRIAN E [US], et al
• [Y] US 7299941 B2 20071127 - MCMAHON III THOMAS JOSEPH [US], et al
• See references of WO 2009070491A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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DOCDB simple family (application)
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