

Title (en)
VACUUM STORAGE CONTAINER

Title (de)
VAKUUMAUFBEWAHRUNGSBEHÄLTER

Title (fr)
CONTENANT DE STOCKAGE SOUS VIDE

Publication
EP 1993926 A4 20090318 (EN)

Application
EP 07757905 A 20070305

Priority
• US 2007063299 W 20070305
• US 78220806 P 20060314

Abstract (en)
[origin: WO2007106676A2] A thin-walled vacuum storage container made of a plastic material may have a base providing a storage cavity and a detachable lid connectable to the base for covering the storage cavity. To evacuate the storage cavity, the container also includes a valve element communicating with the storage cavity and that may be adapted to interface with a vacuum device. The base and/or the lid can have at least one wall made by a thin-wall manufacturing process wherein the wall thickness is about 2.5 millimeters or less. Alternately, the base and/or lid can have at least one wall with a flow-length-to-wall-thickness ratio of about 90: 1 or greater.

IPC 8 full level
B65D 69/00 (2006.01)

CPC (source: EP KR US)
B65D 47/04 (2013.01 - KR); **B65D 47/32** (2013.01 - KR); **B65D 69/00** (2013.01 - KR); **B65D 81/2038** (2013.01 - EP US)

Citation (search report)
• [X] US 5974686 A 19991102 - NOMURA MINORU [JP], et al
• [X] EP 0524551 A1 19930127 - WHIRLPOOL EUROP [NL]
• [X] DE 10348119 A1 20050525 - BRAUN GMBH [DE]
• [X] US 3854618 A 19741217 - BEGHNINI G
• See references of WO 2007106676A2

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Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 2007106676 A2 20070920; WO 2007106676 A3 20081204; AU 2007226721 A1 20070920; CA 2645421 A1 20070920; CN 101432206 A 20090513; EP 1993926 A2 20081126; EP 1993926 A4 20090318; EP 1993926 B1 20110511; ES 2363564 T3 20110809; JP 2009530193 A 20090827; KR 20090004924 A 20090112; MX 2008011708 A 20081104; US 2010200588 A1 20100812; ZA 200807819 B 20090826

DOCDB simple family (application)
US 2007063299 W 20070305; AU 2007226721 A 20070305; CA 2645421 A 20070305; CN 200780014654 A 20070305; EP 07757905 A 20070305; ES 07757905 T 20070305; JP 2009500551 A 20070305; KR 20087024605 A 20081008; MX 2008011708 A 20070305; US 28185707 A 20070305; ZA 200807819 A 20080911