

Title (en)  
PUMPS FOR VACUUM CONTAINERS

Title (de)  
PUMPEN FÜR VAKUUMBEHÄLTER

Title (fr)  
POMPES POUR CONTENEURS SOUS VIDE

Publication  
**EP 2117935 A1 20091118 (EN)**

Application  
**EP 08725218 A 20080205**

Priority  
• US 2008001557 W 20080205  
• US 89951307 P 20070205

Abstract (en)  
[origin: WO2008097566A1] A hand operated pump for evacuating air from a vacuum container having: (1) a barrel defining a conduit therethrough; (2) a plunger having a hand at one end and a piston at the opposite end, the plunger mounted within the barrel and capable of moving reciprocatingly within the plunger; (3) a cap closing a first end of the barrel and having an opening to receive and guide the plunger; and (4) an adapter connected to a second end of the barrel for engaging a valve on a vacuum container.

IPC 8 full level  
**B65B 31/06** (2006.01); **F04B 39/10** (2006.01)

CPC (source: EP US)  
**B65D 77/225** (2013.01 - EP US); **F04B 33/00** (2013.01 - EP US); **B65D 2205/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008097566A1

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