

Title (en)  
Vacuum evacuation apparatus

Title (de)  
Vorrichtung für Vakuumentleerung

Title (fr)  
Appareil d'évacuation sous vide

Publication  
**EP 2644893 A3 20170823 (EN)**

Application  
**EP 13001550 A 20130326**

Priority  
JP 2012080559 A 20120330

Abstract (en)  
[origin: EP2644893A2] The present invention relates to a vacuum evacuation apparatus which can be mounted in a posture that can freely be selected a vacuum evacuation apparatus for evacuating a container from an atmospheric pressure to a high vacuum or less includes a first vacuum pump for evacuating the container to a high vacuum or less, and a second vacuum pump for evacuating the container from an atmospheric pressure to a medium or low vacuum the first vacuum pump and the second vacuum pump are integrally connected to each other into an integral unit.

IPC 8 full level  
**F04C 23/00** (2006.01); **F04D 19/04** (2006.01); **F04D 25/16** (2006.01)

CPC (source: EP US)  
**F04B 25/00** (2013.01 - US); **F04C 23/00** (2013.01 - EP US); **F04D 19/042** (2013.01 - EP US); **F04D 19/046** (2013.01 - EP US);  
**F04D 25/16** (2013.01 - EP US)

Citation (search report)

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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2644893 A2 20131002; EP 2644893 A3 20170823**; JP 2013209928 A 20131010; JP 2016205405 A 20161208; JP 6009193 B2 20161019;  
JP 6333908 B2 20180530; US 2013259712 A1 20131003

DOCDB simple family (application)  
**EP 13001550 A 20130326**; JP 2012080559 A 20120330; JP 2016179496 A 20160914; US 201313849719 A 20130325