

Title (en)  
Valve with counternut

Title (de)  
Hahn mit Gegenmutter

Title (fr)  
Robinet avec contre-écrou

Publication  
**EP 1577604 A1 20050921 (FR)**

Application  
**EP 04101075 A 20040316**

Priority  
EP 04101075 A 20040316

Abstract (en)  
The valve has a valve body with a threaded conical nozzle having an outer screw thread provided between another screw thread and a main body part. A clamping ring (62) having an inner threading is screwed on the former thread. The ring is clamped against the neck of a container using a preset torque to maintain sealing engagement between the nozzle and the neck of the container when a violent impact is applied to the body. Independent claims are also included for the following: (A) a method for connecting a valve to a gas, liquefied or other fluid container (B) usage of a valve like a filling valve of a gas, or liquefied gas, or other fluid container.

Abstract (fr)  
Le robinet pour récipient de gaz ou de gaz liquéfié comporte sur l'embase conique filetée (16) du corps de robinet (12) une bague de serrage (62) à serrer par un couple prédéterminé contre le col (C) du récipient pour maintenir l'engagement étanche des filets de l'embase (16) et du col (C) du récipient si un choc violent est appliqué au robinet à l'extérieur du récipient. <IMAGE>

IPC 1-7  
**F17C 13/04; F17C 13/00**

IPC 8 full level  
**F17C 13/04** (2006.01); **B67D 7/06** (2010.01); **F17C 1/00** (2006.01); **F17C 3/00** (2006.01); **F17C 13/00** (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP US)  
**F17C 1/00** (2013.01 - EP US); **F17C 3/00** (2013.01 - EP US); **F17C 13/04** (2013.01 - EP US); **F17C 13/123** (2013.01 - EP US); **F17C 2203/069** (2013.01 - EP US); **F17C 2205/0323** (2013.01 - EP US); **F17C 2205/0329** (2013.01 - EP US); **F17C 2205/0332** (2013.01 - EP US); **F17C 2205/0335** (2013.01 - EP US); **F17C 2205/0382** (2013.01 - EP US); **F17C 2205/0385** (2013.01 - EP US); **F17C 2205/0391** (2013.01 - EP US); **F17C 2205/0394** (2013.01 - EP US); **F17C 2221/01** (2013.01 - EP US); **F17C 2221/03** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2223/035** (2013.01 - EP US); **F17C 2260/01** (2013.01 - EP US); **F17C 2260/036** (2013.01 - EP US); **F17C 2260/042** (2013.01 - EP US); **F17C 2260/044** (2013.01 - EP US); **F17C 2270/01** (2013.01 - EP US); **Y10T 137/1654** (2015.04 - EP US); **Y10T 137/88054** (2015.04 - EP US)

Citation (search report)  
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• [A] DE 1094055 B 19601201 - HANS KREIDEL SEN, et al  
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