

Title (en)  
Dual containment isolation valve and corresponding gas/liquid container

Title (de)  
Isolationsventil mit Doppeldichtung und Gas-/Flüssigkeitsbehälter dafür

Title (fr)  
Clapet d'isolation avec double étanchéité et récipient à gaz/liquide correspondant

Publication  
**EP 0987196 A2 20000322 (EN)**

Application  
**EP 99650078 A 19990909**

Priority  
US 15426398 A 19980916

Abstract (en)  
A dual-containment isolation valve to minimize leakage through a valve coupled to a fluid storage container. The isolation valve of the invention includes a flange for mating to an upper surface of the container, with a sealing gasket inserted therebetween. As the valve's standard male threads are threaded into the container's standard female threads, the valve's flange is drawn toward the container's upper surface. The coupling of the valve to the container results in a sealing compression of the gasket between the flange and the top surface. The container's top surface is preferably machined to a flat finish to increase gasket-to-surface contact. The valve optionally includes a pressure indicator port for coupling the valve to a pressure indicator. <IMAGE>

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**B65D 83/14**

IPC 8 full level  
**F17C 13/04** (2006.01)

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**F17C 13/04** (2013.01 - EP KR); **F17C 2205/0308** (2013.01 - EP); **F17C 2205/0329** (2013.01 - EP); **F17C 2205/0332** (2013.01 - EP); **F17C 2205/0385** (2013.01 - EP); **F17C 2205/0394** (2013.01 - EP); **F17C 2250/043** (2013.01 - EP); **F17C 2260/036** (2013.01 - EP)

Cited by  
CN103277666A

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