

Title (en)  
VESSEL DIAPHRAGM AND METHOD

Title (de)  
BEHÄLTERDIAPHRAGMA UND VERFAHREN

Title (fr)  
DIAPHRAGME DE CUVE ET PROCEDE

Publication  
**EP 1601902 A4 20100825 (EN)**

Application  
**EP 03713899 A 20030305**

Priority  
US 0306651 W 20030305

Abstract (en)  
[origin: WO2004079244A2] An elastic thermoplastic diaphragm for use in a vessel having an inner surface. The vessel includes a liner that has an inner liner surface and first and second ends. A first endcap is secured to the liner first end and a second endcap to the liner second end. The diaphragm is secured to the inner vessel surface and seals along a peripheral edge to the vessel inner surface so as to define a volume inside the vessel. The diaphragm can flex, and thereby increase or decrease the volume.

IPC 8 full level  
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CPC (source: EP)  
**F15B 1/165** (2013.01); **F16L 55/053** (2013.01); **F15B 2201/205** (2013.01); **F15B 2201/3151** (2013.01); **F15B 2201/3152** (2013.01); **F15B 2201/4053** (2013.01); **F15B 2201/605** (2013.01); **F15B 2201/61** (2013.01)

Citation (search report)

- [XAI] US 3931834 A 19760113 - CAILLET EUGENE
- [XA] US 5368073 A 19941129 - MURPHY JAMES C [US]
- See references of WO 2004079244A2

Cited by  
USD889595S; USD889594S

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DOCDB simple family (publication)  
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