

Title (en)  
FLEXIBLE CONTAINMENT CHARGING DEVICE

Title (de)  
FLEXIBLE BEHÄLTERFÜLLVORRICHTUNG

Title (fr)  
DISPOSITIF DE CHARGEMENT A CONFINEMENT SOUPLE

Publication  
**EP 1497191 A4 20060510 (EN)**

Application  
**EP 03711609 A 20030317**

Priority  
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• US 36853702 P 20020401

Abstract (en)  
[origin: WO03084831A1] The present invention is a material transfer device (1), utilizing flexible outer and inner liners (13,10). The present invention may additionally include a window (18) for viewing the load disposed inside the device. the transfer device may be formed from flexible material to integrally form a sealing valve.

IPC 1-7  
**B65D 33/36**

IPC 8 full level  
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CPC (source: EP US)  
**B65D 31/04** (2013.01 - EP US); **B65D 75/5872** (2013.01 - EP US)

Citation (search report)  
• [XY] GB 2354754 A 20010404 - MCKENNA BRENDAN [GB]  
• [X] EP 1115036 A1 20010711 - RICOH KK [JP]  
• [X] US 5332495 A 19940726 - WILLIAMS RICHARD T [US]  
• [Y] US 5365720 A 19941122 - BUNCH JOSEPH [US]  
• [Y] DE 9208593 U1 19921029  
• See references of WO 03084831A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03084831 A1 20031016**; AT E441594 T1 20090915; AU 2003214201 A1 20031020; CA 2481033 A1 20031016; DE 60329090 D1 20091015; EP 1497191 A1 20050119; EP 1497191 A4 20060510; EP 1497191 B1 20090902; US 2005081950 A1 20050421

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