

Title (en)

Method for reconditioning propane cylinders

Title (de)

Verfahren zur Wiederkonditionierung von Druckbehälter für Propan

Title (fr)

Procédé de reconditionnement de cylindres à propane comprimé

Publication

**EP 1593409 A1 20051109 (EN)**

Application

**EP 04010733 A 20040506**

Priority

EP 04010733 A 20040506

Abstract (en)

The method for reconditioning a used propane gas tank or cylinder comprises the steps of: removing an existing relief valve from the tank; rolling up sheets of aluminum mesh material into mesh inserts and clipping the rolled up sheet with two clips; inserting the aluminum mesh inserts into the propane tank to provide a large wetted surface area inside the tank for increasing the efficiency of vaporization; and replacing the relief valve with a relief valve having a higher CFM rate than is now standard in the lift truck propane gas tank industry. <IMAGE>

IPC 1-7

**A62C 3/06**; **F17C 13/12**

IPC 8 full level

**A62C 3/06** (2006.01); **F17C 1/14** (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)

**F17C 1/14** (2013.01); **F17C 13/123** (2013.01); **F17C 2201/0104** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0607** (2013.01); **F17C 2203/0619** (2013.01); **F17C 2203/0646** (2013.01); **F17C 2205/0165** (2013.01); **F17C 2205/0308** (2013.01); **F17C 2205/0332** (2013.01); **F17C 2205/0394** (2013.01); **F17C 2209/227** (2013.01); **F17C 2209/23** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/035** (2013.01); **F17C 2260/042** (2013.01); **F17C 2260/048** (2013.01); **F17C 2270/0168** (2013.01); **F17C 2270/0184** (2013.01)

Citation (applicant)

- CA 736802 A 19660621 - SZEGO JOSEPH
- US 4149649 A 19790417 - SZEGO ANDREW & US 4673098 A 19870616 - FENTON RONALD L [US], et al

Citation (search report)

- [X] US 2001037549 A1 20011108 - FENTON RONALD L [US]
- [Y] US 5922158 A 19990713 - CULP JOSEPH T [US], et al
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- [A] WO 8504128 A1 19850926 - ATLANTIC CYLINDER TEK INC [US]
- [Y] FR 2662780 A1 19911206 - HUGUES FRANCOIS [FR], et al
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Designated contracting state (EPC)

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