

Title (en)

METHOD FOR LEAK-PROOF STORAGE OF LIQUEFIED CHLORINE

Title (de)

VERFAHREN ZUR LECKAGE-SICHEREN SPEICHERUNG VON VERFLÜSSIGTEM CHLOR

Title (fr)

PROCÉDÉ DE STOCKAGE SANS FUITE DE CHLORE LIQUÉFIÉ

Publication

EP 3431859 A1 20190123 (DE)

Application

EP 17182482 A 20170721

Priority

EP 17182482 A 20170721

Abstract (en)

[origin: WO2019016116A1] The invention relates to a method for the leakage-proof storage of liquefied chlorine under increased pressure in pressure tanks, in which up to 20 wt.% polyvinyl chloride (PVC) or chlorinated polyvinyl chloride (cPVC) is placed in the pressure tank prior to filling the pressure tank with liquefied chlorine.

Abstract (de)

Es wird ein Verfahren zur leckage-sicheren Speicherung von verflüssigtem Chlor unter erhöhtem Druck in Druckbehältern beschrieben, bei dem bis zu 20 Gew.-% von Polyvinylchlorid (PVC) oder chloriertes Polyvinylchlorid (cPVC) vor der Befüllung des Druckbehälters mit verflüssigtem Chlor im Druckbehälter vorgelegt werden.

IPC 8 full level

F17C 1/00 (2006.01)

CPC (source: EP US)

F17C 1/00 (2013.01 - EP); **F17C 5/02** (2013.01 - US); **F17C 2201/052** (2013.01 - EP); **F17C 2201/054** (2013.01 - EP); **F17C 2221/03** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2225/033** (2013.01 - EP US); **F17C 2225/035** (2013.01 - EP); **F17C 2260/036** (2013.01 - EP US); **F17C 2260/044** (2013.01 - EP US)

Citation (applicant)

- US 5788743 A 19980804 - WATZENBERGER OTTO [DE], et al
- US 4459387 A 19840710 - PARKER RICHARD G [US]
- US 8343261 B2 20130101 - LEUNG EMI [DE], et al
- US 5518528 A 19960521 - TOM GLENN M [US], et al
- AIChE-JOURNAL, vol. 34, 1988, pages 1683 - 1690
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- GUIDELINE: "Low Pressure Storage of Liquid Chlorine", November 2002, article "Technical and safety aspects for chlorine producers and users"
- GUIDELINE: "Pressure Storage of Liquid Chlorine", September 2002, article "Technical and safety aspects for chlorine producers and users"
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Citation (search report)

[XD] US 4459387 A 19840710 - PARKER RICHARD G [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3431859 A1 20190123; CN 110945276 A 20200331; EP 3655693 A1 20200527; US 2020141540 A1 20200507; WO 2019016116 A1 20190124

DOCDB simple family (application)

EP 17182482 A 20170721; CN 201880048179 A 20180716; EP 18740227 A 20180716; EP 2018069202 W 20180716; US 201816632017 A 20180716