

Title (en)

DOSING DEVICE FOR LOW-BOILING LIQUEFIED GASES

Publication

**EP 0271031 A3 19890531 (DE)**

Application

**EP 87117999 A 19871205**

Priority

DE 3642199 A 19861210

Abstract (en)

[origin: US4796434A] The apparatus for providing a measured amount of a low boiling liquefied gas which can flow from an outlet of a thermally insulated container includes a fleece made of natural material, plastic material or metal connected with the outlet of the container, advantageously located immediately downstream of the outlet. This fleece provides a satisfactory separation of liquid and gas phases and thus a laminar liquefied gas flow and can assist in preventing freezing at the outlet due to moisture in the air. Advantageously a precise regulating valve which is sunk in the liquefied gas in the supply container provides continuous regulation of the liquefied gas flow.

IPC 1-7

**F17C 9/00**

IPC 8 full level

**B65B 31/00** (2006.01); **F17C 9/00** (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP US)

**B65B 31/006** (2013.01 - EP US); **F17C 13/028** (2013.01 - EP US); **F17C 2203/0636** (2013.01 - EP US); **F17C 2203/066** (2013.01 - EP US); **F17C 2223/0161** (2013.01 - EP US); **F17C 2250/0621** (2013.01 - EP US)

Citation (search report)

- [AD] DE 3402292 C2 19860123
- [A] GB 979764 A 19650106 - GARRETT CORP
- [A] US 3206939 A 19650921 - WILSON STANLEY L
- [X] PATENT ABSTRACTS OF JAPAN, Band 8, Nr. 132 (M-903)[1569], 20. Juni 1984; & JP-A-59 034 098 (TOUYON SEIKAN K.K.) 24-02-1984
- [X] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 261 (M-257)[1406], 19. November 1983; & JP-A-58 142 098 (SUNTORY K.K.) 23-08-1983

Cited by

US5400601A; EP0703147A3; US5680964A

Designated contracting state (EPC)

AT BE DE ES FR GB GR NL

DOCDB simple family (publication)

**EP 0271031 A2 19880615; EP 0271031 A3 19890531; EP 0271031 B1 19910918;** AT E67573 T1 19911015; BR 8706680 A 19880719; DE 3642199 A1 19880630; DE 3773143 D1 19911024; ES 2026513 T3 19920501; US 4796434 A 19890110

DOCDB simple family (application)

**EP 87117999 A 19871205;** AT 87117999 T 19871205; BR 8706680 A 19871209; DE 3642199 A 19861210; DE 3773143 T 19871205; ES 87117999 T 19871205; US 12621787 A 19871125