

Title (en)

Cryogenic valve in an apparatus for packaging a product

Title (de)

Kryogenventil für eine Anlage zum Verpacken eines Produkts

Title (fr)

Vanne cryogénique pour une installation de conditionnement d'un produit

Publication

EP 0893347 A1 19990127 (FR)

Application

EP 98401477 A 19980617

Priority

FR 9708588 A 19970707

Abstract (en)

A cryogenic liquid is delivered to its point of use via an insulated pipe (16) with a flow control valve. The control valve has a conical seat between its inlet and outlet pipes, which can be closed by valve obturator moving downwards. The downstream part of the valve body has a vent pipe (34) which is connected to the main supply pipe to allow gas to escape.

Abstract (fr)

Cet appareil comprend une conduite principale (16) thermiquement isolée dans laquelle est monté un organe d'étranglement du courant de liquide. Il comprend en outre une conduite de dégazage (34) piquée sur la conduite principale en aval de l'organe d'étranglement. Application à la distribution continue d'azote liquide dans des récipients (1) en défilement en vue de leur inertage et/ou de leur pressurisation. <IMAGE>

IPC 1-7

B65B 31/00; **F17C 9/00**

IPC 8 full level

B65B 31/00 (2006.01); **B67C 3/10** (2006.01); **F17C 7/00** (2006.01); **F17C 9/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [YAX] EP 0364009 A2 19900418 - AIR PROD & CHEM [US]
- [YAX] FR 2547017 A1 19841207 - AIR LIQUIDE [FR]
- [A] FR 2539211 A1 19840713 - AIR LIQUIDE [FR]

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CN105217553A; DE102007016159A1; DE102007016159B4

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FR 2765661 A1 19990108; **FR 2765661 B1 19990806**; EP 0893347 A1 19990127; JP H1179131 A 19990323; US 6047553 A 20000411

DOCDB simple family (application)

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