

Title (en)

Breathable gas pressure regulator

Title (de)

Atemgas-Druckregler

Title (fr)

Détendeur de gaz respirable sous pression

Publication

EP 1681232 A1 20060719 (FR)

Application

EP 05301065 A 20051216

Priority

FR 0550143 A 20050118

Abstract (en)

The regulator has a gas inlet channel (6) terminated in a stationary tubular valve unit (7). The unit engages with a movable seat (10) stressed by a spring (14) in a closure position of the channel. The unit has an end face (12) cooperating with a shoulder (15) of a tap body (3) to expel the seat against the spring towards an opening position of the channel during the connection with the body.

IPC 8 full level

B63C 11/22 (2006.01)

CPC (source: EP US)

B63C 11/2209 (2013.01 - EP US); **Y10T 137/87917** (2015.04 - EP US)

Citation (search report)

- [A] US 4396032 A 19830802 - DUCHESNE CLAUDE A, et al
- [A] EP 0276676 A2 19880803 - AMF MARES SPA [IT]

Cited by

US7334772B2; FR3041325A1; WO2017046503A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1681232 A1 20060719; EP 1681232 B1 20100825; AT E478799 T1 20100915; DE 602005023116 D1 20101007; FR 2880961 A1 20060721; FR 2880961 B1 20070223; US 2006157123 A1 20060720; US 7334772 B2 20080226

DOCDB simple family (application)

EP 05301065 A 20051216; AT 05301065 T 20051216; DE 602005023116 T 20051216; FR 0550143 A 20050118; US 7844505 A 20050314