

Title (en)

Breathable gas pressure regulator

Title (de)

Atemgas-Druckregler

Title (fr)

Détendeur de gaz respirable sous pression

Publication

EP 1681232 B1 20100825 (FR)

Application

EP 05301065 A 20051216

Priority

FR 0550143 A 20050118

Abstract (en)

[origin: EP1681232A1] 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)

Cited by

US7334772B2; FR3041325A1; WO2017046503A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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