

Title (en)

Fluid module for delivering constant pressure fluid

Title (de)

Flüssigkeitsmodul zur erzeugung konstanter Flüssigkeitsdrücke

Title (fr)

Module pour delivrer fluide ayant pression constante

Publication

EP 1420148 B1 20060531 (DE)

Application

EP 03104157 A 20031112

Priority

DE 10253576 A 20021115

Abstract (en)

[origin: EP1420148A2] Liquid module (14) comprises an inlet (19) connected to an outlet (20) via a liquid channel (21), and a valve arranged in the liquid channel. The valve is a pressure-regulating valve (22) connected via an ON/OFF channel and a pressure-regulating channel (33) to the liquid channel. The pressure-regulating valve completely closes the liquid channel in a first position, and partly opens the liquid channel in a second position. In this second position the pressure-regulating valve can be adjusted into all intermediate positions. An Independent claim is also included for the production of constant liquid pressures in the above liquid module. Preferred Features: The pressure-regulating valve has a piston region (28) connected to the ON/OFF channel.

IPC 8 full level

F01M 1/16 (2006.01); **F01M 1/08** (2006.01); **F01M 5/00** (2006.01); **F16N 39/02** (2006.01)

CPC (source: EP)

F01M 1/16 (2013.01)

Cited by

WO2024016372A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1420148 A2 20040519; **EP 1420148 A3 20050601**; **EP 1420148 B1 20060531**; AT E328193 T1 20060615; DE 10253576 A1 20040527; DE 50303555 D1 20060706; ES 2263917 T3 20061216

DOCDB simple family (application)

EP 03104157 A 20031112; AT 03104157 T 20031112; DE 10253576 A 20021115; DE 50303555 T 20031112; ES 03104157 T 20031112