

Title (en)

FLOW REGULATION DEVICE HAVING A DEFORMABLE TUBULAR MEMBRANE, FLUID DISTRIBUTION LINE AND APPARATUS COMPRISING SUCH A DEVICE

Title (de)

DURCHFLUSSREGLER MIT EINER VERFORMBAREN ROHRFÖRMIGEN MEMBRAN, FLÜSSIGKEITSVERTEILUNGSLEITUNG UND EINRICHTUNG MIT SOLCH EINER VORRICHTUNG

Title (fr)

DISPOSITIF DE RÉGULATION DE DÉBIT À MEMBRANE TUBULAIRE DÉFORMABLE, LIGNE DE DISTRIBUTION DE FLUIDE ET INSTALLATION COMPORTANT UN TEL DISPOSITIF

Publication

EP 3212983 A1 20170906 (FR)

Application

EP 15790083 A 20151029

Priority

- FR 1460519 A 20141031
- EP 2015075182 W 20151029

Abstract (en)

[origin: WO2016066774A1] Flow regulation device (400) comprising a rigid external envelope (1) surrounding an internal tube (3) and defining, with same, an annular chamber. The device has ends provided with means (2.1, 2.2) for sealed connection thereof to a fluid line to be regulated, such that the internal tube is connected in series to said line. The chamber comprises means (7) for introducing a pressurized regulating fluid therein, the internal tube being configured to dilate under the pressure of the fluid to be regulated when the pressure of the fluid to be regulated exceeds the pressure of the regulating fluid. The device comprises a detector (8) of the dilation of the internal tube, and connection means (9) from the detector to a control unit (500) of a source connected to the line. Fluid distribution line and apparatus comprising such a device.

IPC 8 full level

F16L 55/054 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2016066774A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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