

Title (en)

Process for actuating a shut-off valve and a control system for actuating such a valve

Title (de)

Verfahren zum Betätigen eines Absperrventils sowie Steueranordnung zum Betätigen eines solchen

Title (fr)

Procédé et dispositif de commande d'une soupape d'obturation

Publication

**EP 0649946 B1 20010502 (DE)**

Application

**EP 94116591 A 19941021**

Priority

DE 4336020 A 19931022

Abstract (en)

[origin: EP0649946A2] The invention relates to a control system (10) for a subatmospheric-pressure-actuable shut-off valve, intended for a subatmospheric-pressure waste-water (sewage) system, comprising a first valve (14) which can be actuated by a dynamic pressure caused by accumulated wastewater, and a chamber (56) which can be pressure-adjusted via the first valve and in which, or adjacent to which, there is adjustably arranged a valve piston (24), acted upon by a spring (71), of a second valve (20) via which, in dependence on the pressure prevailing in the chamber, a subatmospheric pressure passes to the shut-off valve in order to open the same, wherein, in the absence of dynamic pressure, the first valve closes and a pressure change which is necessary for closing the second valve takes place in the chamber. <IMAGE>

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**E03F 1/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102010016524A1; DE102010000609A1; EP0829584A3; NL1037986C2; DE19829391A1; DE19829391C2; DE10216091C1; DE102010016524B4; DE102006028732B4; DE102006028732A1; DE10361439B4; EP0937830A3; EP2363542A3; DE102010000609B4; WO2011149342A1; EP2363542A2; US8418715B2

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