

Title (en)

APPARATUS FOR INTRODUCING PRECISE QUANTITIES OF ADDITIVES INTO A PRESSURISED WATERSTREAM

Publication

EP 0295202 B1 19930107 (DE)

Application

EP 88810291 A 19880504

Priority

CH 217787 A 19870610

Abstract (en)

[origin: EP0295202A2] The additive, for example extinguishing foam, is fed via an additive line (2) into the water line (1). A control valve (3) in the additive line (2), the actuator (4) of which receives actuating signals from a controller (8), serves to maintain the desired mixture ratio. To determine the actual value or to form the actuating signal, the additive is measured with an additive-measuring device (6) and the mixture is measured with a mixture-measuring device (7). In order to always obtain a constant pressure drop at the control valve (3) even during fluctuating water pressure in the water line, a pressure-difference valve (5) is fitted into the additive line (2). The drive device (18) for the feed pump (17) is provided with a speed regulator (19) whose rotational speed is controlled as a function of the position of the control valve (3). <IMAGE>

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IPC 8 full level

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