

Abstract

Process for optimising a water spray extinguishing system and water spray extinguishing system for carrying out the process

The water spray extinguishing system contains a water storage device (4), a line system (1) with nozzles (2) which is connected to the latter and a propellant for delivering the water to the nozzles (2). The pressure propelling the water is selected such that the nozzle pressure necessary for the required drop size is obtained. A throttle (11) for
5 reducing the pressure of the propellant is provided for this purpose. The propellant is formed by a gas which is stored in a gas pressure accumulator (5) connected to the water storage device (4) via a pressure line (8), and the throttle (11) is arranged in this pressure line (8).

Figure 1