

Title (en)
ADMIXING SYSTEM FOR FIRE-EXTINGUISHING UNITS AND METHOD FOR THE MAINTENANCE THEREOF

Title (de)
ZUMISCHSYSTEM FÜR FEUERLÖSCHANLAGEN UND VERFAHREN ZU SEINER WARTUNG

Title (fr)
SYSTÈME DE MÉLANGE POUR UNITÉS D'EXTINCTION D'INCENDIE ET SON PROCÉDÉ DE MAINTENANCE

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Abstract (en)
[origin: WO2022218837A1] The invention relates to an admixing system (1) for fire-extinguishing units, for producing a mixture of a fire extinguishant and a fire extinguishant additive (premix) by admixing a fire extinguishant additive, in particular a foaming agent, into a fire extinguishant, in particular water, said admixing system comprising a motor (2) that can be driven by a fire extinguishant flow, and a mixing pump (6) used to deliver the fire extinguishant additive, which is coupled to the motor (2) and driven thereby. The admixing system (1) comprises remote control means (20) for transmitting and executing a command for the automatic start-up or shut-down of the motor (2) and the mixing pump (6), as well as remote read-out means (21) for automatically detecting and transmitting data relating to the state of the admixing system (1). The presence of an operator is therefore not required with the admixing system (1). These remote maintenance functions allow the operability of the admixing system (1) to be verified without an operator having to physically go to the fire extinguishing unit with the admixing system (1), thereby significantly reducing the complexity and related maintenance costs.

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