

Title (en)

PROCESS FOR THE RECOVERY OF STEAM EMITTED IN A LIQUID DISTRIBUTION PLANT

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG VON DÄMPFEN AN EINER FLÜSSIGKEITS-ZAPFSTELLE

Title (fr)

PROCEDE DE RECUPERATION DE VAPEUR EMISE DANS UNE INSTALLATION DE DISTRIBUTION DE LIQUIDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9706095A1] Process for recovery of steam emitted in a liquid distribution plant, comprising: liquid distribution means (PL) intended to circulate said liquid at a liquid flow rate QL; steam recovery means (PV) intended to circulate said steams at a steam flow rate QV in a pipe (120), said steam flow rate QV being controlled by a magnitude G. According to the invention, the process comprises the following steps: establishing the equation $G = F(QV, \{p_i\})$ relating the magnitude G to the steam flow rate QV and to parameters p_i which are characteristics of the recovery means and of the pipe (120); determining an initial value $\{p_i\}_0$ of the parameters p_i ; and for each distribution k of liquid, measuring the liquid flow rate QLk and determining a value Gk of the magnitude G by the equation $G_k = F(QL_k, \{p_i\}_{k-1})$; and determining a new value $\{p_i\}_{k-1}$ of the parameters p_i to be used for the next liquid distribution k + 1. Application to the distribution and supply of fuel to motor vehicle tanks.

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