

Title (en)
METHOD FOR CHECKING A PARAMETER CORRELATING WITH A PRESSURE IN A PRESSURE-DEPENDENT FLUID-CONVEYING SYSTEM,
CONTROL DEVICE AND FLUID-CONVEYING SYSTEM

Title (de)
VERFAHREN ZUR ÜBERPRÜFUNG EINES MIT EINEM DRUCK KORRELIERENDEN PARAMETERS IN EINEM DRUCKABHÄNGIGEN
FLUIDFÖRDERSYSTEM, STEUERGERÄT UND FLUIDFÖRDERSYSTEM

Title (fr)
PROCÉDÉ DE CONTRÔLE D'UN PARAMÈTRE CORRÉLÉ À UNE PRESSION DANS UN SYSTÈME DE TRANSPORT DE FLUIDE DÉPENDANT
DE LA PRESSION, DISPOSITIF DE COMMANDE ET SYSTÈME DE TRANSPORT DE FLUIDE

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Abstract (en)
[origin: WO2016071288A1] The invention relates to a method for checking a parameter correlating with a pressure in a pressure-dependent fluid-conveying system (10). The fluid-conveying system (10) comprises a current-controlled electric motor, which is controlled by the motor control device, and a fluid pump that is driven by the electric motor. The method comprises the step of determining of a rotary speed of the electric motor. Usually, an electric motor current is determined in a further step. A pressure value is calculated as a function of the rotary speed and the current. The calculated value is compared with the parameter. The invention further relates to a control device and a fluid-conveying system (10).

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