

Title (en)

DECOUPLING OF CONTROLLED VARIABLES IN A FLUID CONVEYING SYSTEM WITH DEAD TIME

Title (de)

ENTKOPPLUNG DER REGELGRÖßEN IN EINEM FLUIDFÖRDERSYSTEM MIT TOTZEIT

Title (fr)

DÉCOUPLAGE DES VARIABLES DE RÉGULATION DANS UN SYSTÈME DE TRANSPORT DE FLUIDE AVEC UN TEMPS MORT

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Application

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Priority

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Abstract (en)

[origin: WO2011120689A1] The invention relates to a method for controlling a fluid conveying system that consists of at least one pump, a consumer, and a fitting with an actuator, in particular a control valve, wherein the pressure and volumetric flow rate of the consumer can be controlled. The pressure and volumetric flow rate are controlled independently of each other by means of a decoupling controller based on a nonlinear multivariable controller.

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2011120689A1

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