

Title (en)  
TWO-DEGREE-OF-FREEDOM CONTROL HAVING AN EXPLICIT SWITCHING FOR CONTROLLING CHEMICAL ENGINEERING PROCESSES

Title (de)  
ZWEI-FREIHEITSGRADE-REGELUNG MIT EXPLIZITER UMSCHALTUNG ZUR REGELUNG VERFAHRENSTECHNISCHER PROZESSE

Title (fr)  
RÉGULATION À DEUX DEGRÉS DE LIBERTÉ AVEC COMMUTATION EXPLICITE POUR LA RÉGULATION DE PROCESSUS CHIMIQUES

Publication  
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Application  
**EP 10752353 A 20100913**

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Abstract (en)  
[origin: WO2011032918A1] The present invention relates to a method for controlling chemical engineering processes, wherein target value trajectories are provided for controlled variables, controlled variables and further state variables of the process are captured, control deviations are calculated, and controller manipulated variables are calculated therefrom by means of a control algorithm, pilot-control manipulated variables are determined, manipulated variables resulting from controller manipulated variables and pilot-control manipulated variables are calculated and adjusted in the process, wherein the structure of the control algorithm and/or of the pilot-control is changed as a function of control variables, further state variables and/or target trajectories. The invention further relates to a control device and a computer program for implementing said method.

IPC 8 full level  
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See references of WO 2011032918A1

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