

Title (en)

METHOD FOR REGULATING A PROPERTY OF A PRODUCT DERIVED FROM A CHEMICAL TRANSFORMATION

Title (de)

VERFAHREN ZUR REGELUNG EINES PRODUKATTRIBUTES DAS ERGEBNIS EINER CHEMISCHEN UMWANDLUNG IST

Title (fr)

METHODE DE REGULATION D'UNE PROPRIETE D'UN PRODUIT RESULTANT D'UNE TRANSFORMATION CHIMIQUE

Publication

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Application

EP 02700244 A 20020214

Priority

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Abstract (en)

[origin: FR2821175A1] The invention concerns a method for regulating a property of a product derived from a chemical transformation process, consisting in: a) modelling the relationship between said property and characteristic physical quantities of the process; b) fixing a set point value for said property; c) introducing said set point value in a regulation system based on the model obtained in (a) so as to apply to the process at least a physical quantity calculated from said set point value; d) calculating with a model defined in (a), corrected by a factor taking into account the delay, of a model value of the property of the product corresponding to the characteristic physical quantity/quantities defined by the regulation system; e) continuously measuring the real value of the property and the model value of the property of the product; f) determining the difference between said real value and the model value of the property of the product; g) using said difference, after filtering, to adapt the set point value so as to align the real value and its model value. The invention also concerns a regulating device and a chemical transformation method using said device for implementing said method.

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