

Title (en)

VALVE FLOW CONTROL OPTIMIZATION VIA CUSTOMIZATION OF AN INTELLIGENT ACTUATOR

Title (de)

OPTIMIERTE VENTILDURCHFLUSSREGELUNG MITTELS INDIVIDUELLER ANPASSUNG EINES INTELLIGENTEN AKTUATORS

Title (fr)

OPTIMISATION DE LA RÉGULATION D'ÉCOULEMENT D'UNE VANNE PAR LA PERSONNALISATION D'UN ACTIONNEUR INTELLIGENT

Publication

EP 2798423 A1 20141105 (EN)

Application

EP 11879090 A 20111229

Priority

US 2011067910 W 20111229

Abstract (en)

[origin: WO2013101097A1] A valve arrangement including a valve and a valve actuation arrangement is provided. The valve has a known flow profile. The valve includes a valve member and a valve stem operably coupled to the valve member for adjusting the position of the valve member. The valve actuation arrangement is operably coupled to the valve stem. The valve actuation arrangement includes a drive arrangement and a control arrangement. The drive arrangement is operably coupled to the valve stem and configured to adjust an actual stem position of the valve stem based on an actual stem positional signal. The control arrangement is configured to generate the actual stem positional signal. The control arrangement is configured to generate the actual stem positional signal based on an input control signal representing a desired stem position based on a desired flow profile being different than the known flow profile.

IPC 8 full level

G05D 7/06 (2006.01); **G01F 25/00** (2006.01)

CPC (source: EP)

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