

Title (en)

METHOD OF CONTROLLING AN ACTUATOR HAVING A MOVABLE MEMBER WITH POSITIONAL FEEDBACK CONTROL

Title (de)

VERFAHREN ZUR STEUERUNG EINES STELLANTRIEBS MIT BEWEGLICHEM ELEMENT MIT POSITIONSREGELUNG

Title (fr)

PROCEDE DE COMMANDE D'UN ACTIONNEUR AYANT UN ORGANE MOBILE ASSERVI EN POSITION

Publication

**EP 1951994 A1 20080806 (FR)**

Application

**EP 06831113 A 20061114**

Priority

- FR 2006002514 W 20061114
- FR 0511938 A 20051125

Abstract (en)

[origin: FR2893975A1] The method involves determining a timing tolerance band between a movable member (8) and a stem (3) of a valve (1) during movement of the member between extreme valve open and closed positions. Intermediate positions attained by the member within the band are determined based on different values of an electrical parameter for controlling electromagnetic units (14, 15) of an actuator. The units are controlled in position by taking one of the intermediate positions as a set-point value based on desired performances of the actuator.

IPC 8 full level

**F01L 9/20** (2021.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2007060309A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**FR 2893975 A1 20070601; FR 2893975 B1 20080208**; EP 1951994 A1 20080806; JP 2009517579 A 20090430; JP 5421592 B2 20140219; KR 101337778 B1 20131206; KR 20080069957 A 20080729; US 2009178631 A1 20090716; US 2012061598 A1 20120315; US 8443771 B2 20130521; WO 2007060309 A1 20070531

DOCDB simple family (application)

**FR 0511938 A 20051125**; EP 06831113 A 20061114; FR 2006002514 W 20061114; JP 2008541782 A 20061114; KR 20087003416 A 20061114; US 201113299867 A 20111118; US 9161206 A 20061114