

Title (en)
ADJUSTMENT METHOD AND ADJUSTMENT DEVICE FOR AN ACTUATOR

Title (de)
STELLVERFAHREN UND STELLVORRICHTUNG FÜR EINEN AKTOR

Title (fr)
PROCEDE DE REGLAGE ET DISPOSITIF DE REGLAGE POUR UN ACTIONNEUR

Publication
EP 1651851 A1 20060503 (DE)

Application
EP 04766199 A 20040713

Priority
• EP 2004051467 W 20040713
• DE 10336606 A 20030808

Abstract (en)
[origin: WO2005014991A1] The invention relates to an adjustment method and an adjustment device for an actuator of a valve, in particular, for a piezoelectric actuator of an injection valve for an internal combustion engine, whereby the actuator is charged to various charge states, following a given control procedure, which each correspond to a position of the valve. According to the invention, a regulation of the control procedure is carried out, depending on a regulation parameter, whereby the regulation parameter describes the charge state of the actuator and/or the valve position and, in addition, an external measured parameter, namely the pressure on the valve.

IPC 1-7
F02D 41/20

IPC 8 full level
F02D 41/20 (2006.01)

CPC (source: EP US)
F02D 41/20 (2013.01 - EP US); **F02D 41/2096** (2013.01 - EP US); **F02D 2200/0602** (2013.01 - EP US)

Citation (search report)
See references of WO 2005014991A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2005014991 A1 20050217; DE 10336606 A1 20050303; DE 10336606 B4 20070125; EP 1651851 A1 20060503; US 2006255302 A1 20061116

DOCDB simple family (application)
EP 2004051467 W 20040713; DE 10336606 A 20030808; EP 04766199 A 20040713; US 56762704 A 20040713