Title (en)

METHOD FOR ACTUATING A VALVE, AND CORRESPONDING DEVICE

Title (de)

VERFAHREN ZUM ANSTEUERN EINES VENTILS UND ENTSPRECHENDE VORRICHTUNG

Title (fr)

PROCÉDÉ POUR COMMANDER UNE SOUPAPE ET DISPOSITIF CORRESPONDANT

Publication

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Application

EP 19716873 A 20190405

Priority

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Abstract (en)

[origin: WO2019201620A1] The invention relates to a method for actuating a valve (5) with an electromagnetic valve drive (6) through which electric current (7) is conducted to open or close the valve (5) or to hold the valve in an open or closed position, said method having at least the following steps: a) receiving an opening signal (8), b1) determining an adapted opening signal (27) which is adapted to physical limits of the valve or valve drive, and b2) determining a feed-forward signal (9) for feed-forward control of an electric current to drive an electrical valve drive to open the valve in reaction to the adapted opening signal (27), c) calculating an actuation signal (11) for actuating the valve drive using the feed-forward signal (9), and d) outputting the actuation signal (11).

IPC 8 full level

B60T 8/36 (2006.01); **H01F 7/18** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2019201620A1

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