Title (en)

METHOD AND APPARATUS TO DETECT THE MOVEMENT OF A NEEDLE OF A FUEL INJECTOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN EINER BEWEGUNG EINES NADELS EINES EINSPRITZVENTILS

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTECTION DE MOUVEMENT D'UNE AIGUILLE D'UN INJECTEUR DE CARBURANT

Publication

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Application

EP 10754910 A 20100908

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• EP 2010063185 W 20100908

Abstract (en)

[origin: WO2011032873A1] The invention relates to a method for determining a point in time when a valve needle arranged in an injection valve changes directions. In said method, a variable providing information on a curve indicating the pressure (40) in a control chamber of the injection valve is directly measured using a sensor in the control chamber, and from said variable providing information on the pressure curve (40), it is determined at what point in time the curve is at an extreme point, and said point in time is identified as the point in time when the direction changes.

IPC 8 full level

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CPC (source: EP)

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