Title (en)

METHOD FOR DETECTING THE PUMPING ORIENTATION OF A HIGH-PRESSURE FUEL PUMP

Title (de)

VERFAHREN ZUR ERKENNUNG DER PUMPENORIENTIERUNG EINER KRAFTSTOFFHOCHDRUCKPUMPE

Title (fr)

PROCÉDÉ DE RECONNAISSANCE DE L'ORIENTATION D'UNE POMPE À CARBURANT HAUTE PRESSION

Publication

EP 3020946 A1 20160518 (DE)

Application

EP 15191875 A 20151028

Priority

DE 102014223322 A 20141114

Abstract (en)

[origin: CN105604718A] The invention relates to a method for detecting pumping orientation of high-pressure fuel pump, the high-pressure fuel pump comprises a controllable suction valve of an internal combustion engine, the internal combustion engine comprises a common-rail injection system for injecting fuel, wherein the pump position of the cam of the internal combustion engine can be deduced according to a rail pressure signal.

Abstract (de)

Verfahren zur Erkennung der Pumpenorientierung einer Kraftstoffhochdruckpumpe mit ansteuerbarem Saugventil einer Brennkraftmaschine mit einem Common-Rail-Einspritzsystem zur Kraftstoffeinspritzung, wobei aus einem Raildrucksignal auf eine Pumpenposition in Bezug auf die Nockenposition der Brennkraftmaschine geschlossen wird.

IPC 8 full level

F02D 41/00 (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP)

F02D 41/009 (2013.01); **F02D 41/3845** (2013.01); F02D 2200/0602 (2013.01); F02D 2250/31 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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