

Title (en)

METHOD FOR CONTROLLING AN ELECTRICALLY CONTROLLABLE SUCTION VALVE

Title (de)

VERFAHREN ZUR ANSTEUERUNG EINES ELEKTRISCH ANSTEUERBAREN SAUGVENTILS

Title (fr)

PROCÉDÉ DE COMMANDE D'UNE VANNE D'ASPIRATION À COMMANDE ÉLECTRIQUE

Publication

**EP 3209879 B1 20200212 (DE)**

Application

**EP 15781621 A 20151012**

Priority

- DE 102014221674 A 20141024
- EP 2015073560 W 20151012

Abstract (en)

[origin: WO2016062570A1] The invention relates to a method for controlling an electrically controllable suction valve (1) for controlling the delivery rate of a high-pressure pump (2) in a fuel injection system, in particular a common-rail injection system, of an internal combustion engine. According to the invention, the suction valve (1) is controlled at least at the start of the internal combustion engine as a function of at least one parameter influencing the lubrication conditions in a power unit chamber (3) of the high-pressure pump (2).

IPC 8 full level

**F02D 41/38** (2006.01); **F02M 59/36** (2006.01)

CPC (source: CN EP KR)

**F02D 41/062** (2013.01 - KR); **F02D 41/3845** (2013.01 - CN EP KR); **F02M 59/366** (2013.01 - CN EP KR); **F02D 41/062** (2013.01 - CN EP); **F02D 2041/2055** (2013.01 - CN EP KR); **F02D 2200/0602** (2013.01 - CN EP KR); **F02D 2200/0606** (2013.01 - CN EP KR); **F02D 2200/101** (2013.01 - CN EP KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102014221674 A1 20160428**; CN 107148514 A 20170908; CN 107148514 B 20210302; EP 3209879 A1 20170830; EP 3209879 B1 20200212; KR 20170072926 A 20170627; WO 2016062570 A1 20160428

DOCDB simple family (application)

**DE 102014221674 A 20141024**; CN 201580057414 A 20151012; EP 15781621 A 20151012; EP 2015073560 W 20151012; KR 20177013602 A 20151012