

Title (en)

METHOD AND SYSTEM FOR INJECTING FUEL INTO INTERNAL COMBUSTION ENGINES

Title (de)

VERFAHREN UND SYSTEM ZUR EINSPRITZUNG VON KRAFTSTOFF IN BRENNKRAFTMASCHINEN

Title (fr)

PROCÉDÉ ET SYSTÈME D'INJECTION DE CARBURANT DANS LES MACHINES À COMBUSTION INTERNE

Publication

EP 2382385 A1 20111102 (DE)

Application

EP 09743893 A 20091028

Priority

- EP 2009064204 W 20091028
- DE 102008055136 A 20081223

Abstract (en)

[origin: WO2010072450A1] The invention relates to a method and to a system for injecting fuel into internal combustion engines, the injection taking place by way of an injection system and the fuel to be injected having an increased amount of fatty acids or fatty acid esters, particularly biodiesel, characterized in that the components of the injection system coming into contact with the fuel are at least partially provided with a coating that has a low tendency for the agglomeration of fuel components, particularly fatty acids and fatty acid esters.

IPC 8 full level

F02M 61/16 (2006.01)

CPC (source: EP US)

F02M 59/445 (2013.01 - EP US); **F02M 61/166** (2013.01 - EP US); **F02M 2200/06** (2013.01 - EP US); **F02M 2200/9038** (2013.01 - EP US);
F02M 2200/95 (2013.01 - EP US)

Citation (search report)

See references of WO 2010072450A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102008055136 A1 20100701; BR PI0919962 A2 20151208; CN 102265023 A 20111130; EP 2382385 A1 20111102;
RU 2011130189 A 20130127; US 2011253107 A1 20111020; WO 2010072450 A1 20100701

DOCDB simple family (application)

DE 102008055136 A 20081223; BR PI0919962 A 20091028; CN 200980152404 A 20091028; EP 09743893 A 20091028;
EP 2009064204 W 20091028; RU 2011130189 A 20091028; US 200913141776 A 20091028