

Title (en)

INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE, AND INTERNAL COMBUSTION ENGINE

Title (de)

EINSPRITZANLAGE FÜR EINE BRENNKRAFTMASCHINE UND BRENNKRAFTMASCHINE

Title (fr)

INSTALLATION D'INJECTION POUR MOTEUR À COMBUSTION INTERNE ET MOTEUR À COMBUSTION INTERNE

Publication

EP 2057359 A1 20090513 (DE)

Application

EP 07802790 A 20070822

Priority

- EP 2007058718 W 20070822
- DE 102006039882 A 20060825

Abstract (en)

[origin: DE102006039882B3] The system has a high-pressure pump (14) for conveying fuel from a fuel tank (10) to a fuel storage unit (16). A return pipe (19, 46) is arranged downstream of the high-pressure pump and upstream of the fuel tank for recycling the fuel from the high-pressure pump and/or an injector (18) into the fuel tank. A branch line branching off from the return pipe is hydraulically coupled with an exhaust gas track injector (47), with which the fuel is injected into an exhaust gas track of the internal-combustion engine.

IPC 8 full level

F01N 3/025 (2006.01)

CPC (source: EP)

F01N 3/0253 (2013.01); **F02M 55/00** (2013.01); **F02M 55/002** (2013.01); **F02M 63/0225** (2013.01); **F01N 2610/03** (2013.01); **F01N 2610/14** (2013.01)

Citation (search report)

See references of WO 2008023031A1

Designated contracting state (EPC)

DE FR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006039882 B3 20071220; EP 2057359 A1 20090513; WO 2008023031 A1 20080228

DOCDB simple family (application)

DE 102006039882 A 20060825; EP 07802790 A 20070822; EP 2007058718 W 20070822