Title (en)

FUEL DELIVERY SYSTEM WITH PARTIAL PRESSURE REDUCTION VALVE IN SUPPLY LINE OF JET PUMP

Title (de)

KRAFTSTOFF- FÖRDERSYSTEM MIT TEILDRUCKENTLASTUNGSVENTIL AN TREIBLEITUNG EINER SAUGSTRAHLPUMPE

Title (fr)

SYSTÈME D'ALIMENTATION DE CARBURANT AVEC VANNE DE DÉCHARGE PARTIELLE DE PRESSION DANS LA LIGNE DE PROPULSION D'UNE POMPE À JET

Publication

EP 3014099 A1 20160504 (DE)

Application

EP 14723827 A 20140515

Priority

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- EP 2014059923 W 20140515

Abstract (en)

[origin: WO2014206632A1] A fuel delivery system (1) and a corresponding production method for producing a fuel delivery system (1) are proposed. The fuel delivery system (1) has a fuel filter (3) which purifies a fuel (9) delivered from an accumulator pot (5) to an internal combustion engine (7). Furthermore, the fuel delivery system (1) has a suction jet pump (15) for filling the accumulator pot (5) with fuel (9) from a fuel tank (11). A drive line (17) connects the suction jet pump (15) to the fuel filter (3). In this case, there is provided on the drive line (17) a first pressure valve (19) which opens in the direction of the suction jet pump (15) when a pressure on the fuel filter side exceeds a first threshold value.

IPC 8 full level

F02M 37/00 (2006.01); **F02M 37/02** (2006.01); **F02M 37/10** (2006.01); **F02M 37/44** (2019.01); **F02M 37/46** (2019.01); **F02M 37/50** (2019.01)

CPC (source: EP US)

F02M 37/0023 (2013.01 - EP US); **F02M 37/0058** (2013.01 - EP US); **F02M 37/025** (2013.01 - EP US); **F02M 37/106** (2013.01 - EP US); **F02M 37/44** (2018.12 - EP US); **F02M 37/46** (2018.12 - EP US); **F02M 37/50** (2018.12 - EP US)

Citation (search report)

See references of WO 2014206632A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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