

Title (en)

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

Title (de)

KRAFTSTOFF- FÖRDESYSTEM 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 B1 20170405 (DE)**

Application

**EP 14723827 A 20140515**

Priority

- DE 102013212267 A 20130626
- 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)

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 102013212267 A1 20141231**; CN 105339643 A 20160217; EP 3014099 A1 20160504; EP 3014099 B1 20170405; US 2016138537 A1 20160519; WO 2014206632 A1 20141231

DOCDB simple family (application)

**DE 102013212267 A 20130626**; CN 201480036433 A 20140515; EP 14723827 A 20140515; EP 2014059923 W 20140515; US 201414901159 A 20140515