

Title (en)

A HIGH PRESSURE FUEL PUMP ASSEMBLY FOR AN INTERNAL COMBUSTION PISTON ENGINE

Title (de)

HOCHDRUCKKRAFTSTOFFPUMPENANORDNUNG FÜR EINEN HUBKOLBENVERBRENNUNGSMOTOR

Title (fr)

ENSEMBLE POMPE À CARBURANT HAUTE PRESSION POUR MOTEUR À PISTON À COMBUSTION INTERNE

Publication

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Application

EP 17716564 A 20170329

Priority

FI 2017050217 W 20170329

Abstract (en)

[origin: WO2018178501A1] Invention relates to a high pressure fuel pump assembly (100) comprising a number of piston pump units (10) driven by a drive shaft (110) of the pump assembly (100), a drive shaft lubrication system (114) and pump unit lubrication system (116), and at least one inlet (115) for pressurized lubricant, where the pump assembly (100) is provided with a first collector conduit (120) configured to receive lubricant from the pump unit lubrication system (116) and a second collector conduit (122) configured to receive leak fuel from the piston pump units, and a third collector conduit configured to receive fuel mist from the piston pump units.

IPC 8 full level

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CPC (source: EP KR)

F02M 59/102 (2013.01 - KR); **F02M 59/44** (2013.01 - EP); **F02M 59/442** (2013.01 - EP KR); **F02M 63/0001** (2013.01 - EP KR); **F04B 1/0413** (2013.01 - KR); **F04B 37/12** (2013.01 - EP KR); **F04B 53/006** (2013.01 - KR); **F04B 53/18** (2013.01 - EP KR); **F02M 59/102** (2013.01 - EP); **F02M 2200/16** (2013.01 - EP KR)

Citation (search report)

See references of WO 2018178501A1

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