

Title (en)

FUEL DISTRIBUTOR, THE HYDRAULIC COMPARTMENT OF WHICH IS EQUIPPED WITH AN ADDITIVE INJECTION DEVICE

Title (de)

KRAFTSTOFFVERTEILER MIT HYDRAULIKRAUM MIT EINER ADDITIVEINSPRITZVORRICHTUNG

Title (fr)

DISTRIBUTEUR DE CARBURANT DONT LE COMPARTIMENT HYDRAULIQUE EST ÉQUIPÉ D'UN DISPOSITIF D'INJECTION D'ADDITIF

Publication

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Application

EP 16790717 A 20161021

Priority

- FR 1560130 A 20151023
- IB 2016056350 W 20161021

Abstract (en)

[origin: WO2017068545A1] Fuel distributor (1) comprising a hydraulic compartment (2) comprising at least one pumping unit (4) connected to at least one fuel distribution line (3) comprising a fuel flow meter (5) and a flexible tube (6) equipped with a nozzle (7), as well as at least one additive injection device (8) comprising an additive reservoir (9) and at least one injection unit (12) intended to suck a regulated quantity of additive from the additive reservoir (9) to the fuel distribution line (3), said injection unit (12) comprising a suction pump (10) driven by a motor (11), characterised in that the injection unit (12) comprises an explosion-proof housing (13) in which the motor is housed (11), the suction pump (10) being mounted outside of the explosion-proof housing (13) and being driven by the motor (11) via a drive shaft (14) passing through a wall (15) of the explosion-proof housing (13), the suction pump (10) and the motor (11) being separated by said wall (15) of the explosion-proof housing.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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