

Title (en)

A PUMP DEVICE AND A METHOD FOR SUPPLYING FUEL FOR AN INTERNAL COMBUSTION ENGINE AND TO LIMIT A SYSTEM PRESSURE

Title (de)

FÖRDERVORRICHTUNG UND VERFAHREN ZUM BEFÖRDERN VON KRAFTSTOFF FÜR EINEN VERBRENNUNGSMOTOR UND ZUM BEGRENZEN EINES SYSTEMDRUCKS

Title (fr)

DISPOSITIF DE POMPAGE ET PROCÉDÉ POUR LA DISTRIBUTION DE CARBURANT POUR UN MOTEUR À COMBUSTION INTERNE ET POUR LA LIMITATION DE LA PRESSION DE SYSTÈME

Publication

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Application

EP 15816432 A 20151216

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Abstract (en)

[origin: WO2016102260A1] The invention relates to a delivery device 100 for delivering a medium in a vehicle 300 and for limiting a system pressure of the delivery device. In that context, the delivery device comprises a vehicle pump 101 which is driven by an electric motor 102. Further, the electric motor is controlled by a control unit 103, the control unit being designed to detect an actual rotational speed of the electric motor and an actual operating current of the electric motor. If the actual operating current of the electric motor exceeds a predefined operating current limit value, the control unit is designed to generate a first signal relating to a system pressure being exceeded. In that context, the predefined operating current limit value is dependent on the actual rotational speed of the electric motor.

IPC 8 full level

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