

Title (en)

Coupling device for connecting a fuel pump and a vacuum pump having the same casing

Title (de)

Koppeleinrichtung zwischen einer Kraftstoff-Förderpumpe und einer Luft fördernden Pumpe in einem Gehäuse angeordnet

Title (fr)

Dispositif de couplage pour coupler une pompe à vide à une pompe à carburant dans un carter commun

Publication

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Application

EP 97115817 A 19970911

Priority

DE 19647053 A 19961114

Abstract (en)

[origin: EP0843096A1] The delivery pump (3) has rotatively driven displacement components, and in particular is a gearwheel pump. It moves fuel from a suction chamber connectable to the storage tank into a pressure chamber at least indirectly connectable with the internal combustion engine. The delivery pump (3) forms a structural unit with a pump (5) delivering air. The suction side of the air pump is connected with a braking force amplifier of the road vehicle for production of a vacuum. There is a coupling device (52) between the fuel delivery pump and the air pump, which, dependent upon the vacuum to be produced, separates the air pump from the fuel pump.

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