

Title (en)

ARRANGEMENT OF INTERNAL COMBUSTION ENGINES PROVIDED WITH A SUPERCHARGER AND A FUEL INJECTION SYSTEM

Title (de)

MIT EINEM LADER UND EINEM KRAFFTSTOFFEINSPRITZSYSTEM VERSEHENE BRENNKRAFTMASCHINENANLAGE

Title (fr)

CONFIGURATION DE MOTEURS A COMBUSTION INTERNE EQUIPES D'UN COMPRESSEUR A SURALIMENTATION ET D'UN SYSTEME D'INJECTION DE CARBURANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9323659A1] The invention relates to a device in internal combustion engines provided with a supercharger (2) of the rotary screw compressor type and a compressed air assisted fuel injection system (8, 9, 10). According to the invention a rotary screw compressor (2) of a kind known as such is used as the supercharger, which compressor through a special, from the ordinary outlet port (13) separated, outlet port (21) delivers a minor air flow of high pressure after closing of the ordinary outlet port, which special port (21) by a pressure pipe (7) is connected to the fuel injection system (8, 9, 10) for pressurizing this.

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- EP 0458670 A1 19911127 - INST FRANCAIS DU PETROLE [FR]
- US 2111568 A 19380322 - ALF LYSHOLM, et al

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