

Title (en)

CIRCUIT FOR SUPPLYING A SUPERCHARGED ENGINE WITH AT LEAST ONE FLUID AND METHOD OF SUPPLYING SUCH AN ENGINE WITH AT LEAST ONE FLUID

Title (de)

ZUFÜHRVORRICHTUNG VON MINDESTENS EINER FLÜSSIGKEIT EINER AUFGEADENEN DIESELBRENNKRAFTMASCHINE UND VERFAHREN ZUM ZUFÜHREN VON MINDESTENS EINER FLÜSSIGKEIT EINE SOLCHE BRENNKRAFTMASCHINE

Title (fr)

CIRCUIT D'ALIMENTATION EN AU MOINS UN FLUIDE D'UN MOTEUR SURALIMENTE ET PROCEDE POUR ALIMENTER EN AU MOINS UN FLUIDE UN TEL MOTEUR

Publication

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Application

EP 06830975 A 20061018

Priority

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Abstract (en)

[origin: WO2007045768A1] The invention relates to a circuit for supplying an internal combustion engine, particularly a diesel engine, with at least one fluid. The invention consists of: a circuit for supercharging air (20) at the intake of the engine, which is equipped with a supercharging pipe (36), a supercharging device (28) comprising a compression stage (26) and a radiator (38) for cooling the compressed air; and a circuit for recirculating the exhausts gases (22) at the intake of the engine, comprising an exhaust gas recirculation pipe (40) and an exhaust gas cooler (46). According to the invention, the supply circuit comprises a connecting line (50) which is used to connect the air supercharging circuit (20) and the exhaust gas recirculation circuit (22) upstream of the cooler (46).

IPC 8 full level

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Citation (search report)

See references of WO 2007045768A1

Citation (examination)

- JP H1193781 A 19990406 - ISUZU MOTORS LTD
- US 6378308 B1 20020430 - PFLUEGER FRANK [DE]

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