

Title (en)

Arrangement for driving a water pump and a fan of a combustion engine

Title (de)

Vorrichtung zum Antreiben einer Wasserpumpe und eines Lüfters einer Brennkraftmaschine

Title (fr)

Dispositif pour entraîner une pompe à eau et un ventilateur d'un moteur à combustion

Publication

EP 0884210 B1 20011031 (DE)

Application

EP 98109513 A 19980526

Priority

DE 19725216 A 19970615

Abstract (en)

[origin: EP0884210A2] The end of the crankshaft is fitted with a first pulley (2) which drives a main belt (3) to transmit torque to the water pump pulley (6) and to the other accessories. The water pump pulley is connected to a coaxial secondary pulley (10) which drives the second belt which is looped over the blower pulley (11). For a compact mounting the bearing for the blower fan is mounted on an extension support on the end of the crankshaft. The blower drive is thus uncoupled from the accessories drive and the blower can be driven at a different speed to the accessories by choice of the pulley sizes. The accessories are relieved of the strain on the pulley drive.

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CPC (source: EP US)

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