

Title (en)

Arrangement for driving auxiliary systems of a combustion engine

Title (de)

Vorrichtung zum Antreiben von Aggregaten einer Brennkraftmaschine

Title (fr)

Dispositif pour entraîner des accessoires d'un moteur à combustion

Publication

EP 0884210 A3 19991117 (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.

IPC 1-7

B60K 25/02

IPC 8 full level

B60K 25/02 (2006.01); **F02B 67/06** (2006.01)

CPC (source: EP US)

F02B 67/06 (2013.01 - EP US)

Citation (search report)

- [XA] FR 2378948 A1 19780825 - BOSCH GMBH ROBERT [DE]
- [DA] DE 19511702 A1 19961002 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 223 (M - 247) 4 October 1983 (1983-10-04)

Cited by

EP3115242A1; US12085013B2; DE102015008721A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19725216 C1 19981119; DE 59801921 D1 20011206; EP 0884210 A2 19981216; EP 0884210 A3 19991117; EP 0884210 B1 20011031; US 6079385 A 20000627

DOCDB simple family (application)

DE 19725216 A 19970615; DE 59801921 T 19980526; EP 98109513 A 19980526; US 9699298 A 19980613