

Title (en)

Pump with temperature sensor on the housing

Title (de)

Pumpe mit Temperatursensor im Gehäuse

Title (fr)

Pompe avec capteur de température sur le carter

Publication

EP 1085210 A3 20040331 (DE)

Application

EP 00118047 A 20000823

Priority

- DE 10038550 A 20000803
- DE 19943581 A 19990913

Abstract (en)

[origin: EP1085210A2] The pump (1) has an integrated temperature sensor (3) for detecting the temperature of the engine coolant passing through the pump chamber (4), fitted into a recess (10) in the wall of the pump housing (9), which has a reduced wall thickness in the vicinity of the temperature sensor. The signals from the temperature sensor control the revs of the electric drive motor for the pump, for regulating the pumped flowrate.

IPC 1-7

F04B 53/16; **F04D 15/02**

IPC 8 full level

F04B 53/16 (2006.01); **F04D 15/00** (2006.01); **F04D 29/00** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)

F04B 53/16 (2013.01 - EP US); **F04B 2201/0801** (2013.01 - EP US)

Citation (search report)

- [X] EP 0574623 A1 19931222 - VICKERS INC [US]
- [X] DE 1060027 B 19590625 - W DAN BERMAN AB
- [X] US 5868175 A 19990209 - DUFF RICHARD L [US], et al
- [A] EP 0864733 A1 19980916 - GATE SPA [IT]
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WO2024028269A1

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)

EP 1085210 A2 20010321; **EP 1085210 A3 20040331**; JP 2001107895 A 20010417; US 6527517 B1 20030304

DOCDB simple family (application)

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