

Title (en)
Adjustable coolant pump for motor vehicles

Title (de)
Regelbare Kühlmittelpumpe

Title (fr)
Pompe de refroidissement réglable pour véhicules

Publication
EP 1275850 A3 20031203 (DE)

Application
EP 02012129 A 20020601

Priority
DE 10128059 A 20010609

Abstract (en)
[origin: DE10128059C1] The cooling pump has a pump wheel (11) fitted to a pump shaft (2), provided with a belt drive disc (3) and mounted in a pump housing (1), with a blocking device (7) preventing reverse rotation of the pump shaft. A sleeve (8) fitted to the pump shaft over the reverse rotation blocking device carries a rotor (9) of an electric motor having a stator (10) mounted within the pump housing and used for driving the cooling pump.

IPC 1-7
F04D 13/06; **F04D 13/02**

IPC 8 full level
F04D 13/02 (2006.01); **F04D 13/06** (2006.01)

CPC (source: EP)
F04D 13/021 (2013.01); **F04D 13/06** (2013.01)

Citation (search report)

- [XD] DE 19628576 A1 19980122 - BEHR GMBH & CO [DE]
- [A] US 2748896 A 19560605 - RANKIN DAN R
- [A] EP 0148343 A2 19850717 - GUNTHER EHEIM FABRIK ELEKTROME [DE]
- [A] DE 2420181 B1 19751023

Cited by
CN110199095A; DE102007004187A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1275850 A2 20030115; **EP 1275850 A3 20031203**; **EP 1275850 B1 20050727**; AT E300676 T1 20050815; DE 10128059 C1 20021128; DE 50203725 D1 20050901; ES 2245389 T3 20060101

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