

Title (en)  
Pump housing with integrated electronics

Title (de)  
Pumpengehäuse mit integrierter Elektronik

Title (fr)  
Carter de pompe avec électronique intégrée

Publication  
**EP 1085217 A3 20010418 (DE)**

Application  
**EP 00113847 A 20000630**

Priority  
DE 19943577 A 19990913

Abstract (en)  
[origin: EP1085217A2] The wet-running pump is driven by a speed-regulated electric motor and has an electronic module (7) containing control electronics and a pump housing (4) enclosing a spiral chamber (6) with a central suction port and a pressure port. The pump housing has a mounting (8) on which the electronic module is brought into thermal contact with the pump medium in the spiral chamber. An Independent claim is also included for the use of a rotary pump for circulating the coolant in a motor vehicle cooling circuit.

IPC 1-7  
**F04D 29/58**; F04D 13/06; H02K 11/04

IPC 8 full level  
**F04D 13/06** (2006.01); **F04D 15/00** (2006.01); **F04D 29/58** (2006.01); **F01P 5/10** (2006.01)

CPC (source: EP)  
**F04D 13/0606** (2013.01); **F04D 13/0686** (2013.01); **F04D 29/5813** (2013.01); **F01P 5/10** (2013.01); **F01P 2050/30** (2013.01)

Citation (search report)

- [X] DE 3642726 A1 19880623 - GRUNDFOS INT [DK]
- [X] US 4511312 A 19850416 - HARTWIG CARL S M [SE]
- [A] DE 4222394 C1 19931209 - GRUNDFOS A S BJERRINGBRO [DK]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 307 (M - 1143) 6 August 1991 (1991-08-06)

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

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