

Title (en)  
Improvements to rotary pumps

Title (de)  
Rotationspumpe

Title (fr)  
Pompe rotative

Publication  
**EP 0984143 A3 20010110 (EN)**

Application  
**EP 99306909 A 19990831**

Priority  
GB 9819261 A 19980903

Abstract (en)  
[origin: EP0984143A2] A coolant pump for an I.C. engine comprises a pump cavity housing an impeller rotatable about an axis, the impeller axis being located coaxially with the rotational axis of the crankshaft of the engine. <IMAGE>

IPC 1-7  
**F01P 5/10**; **F04D 5/00**; **F04D 13/02**

IPC 8 full level  
**F01P 5/10** (2006.01); **F01P 5/12** (2006.01); **F04C 18/02** (2006.01); **F04D 5/00** (2006.01); **F04D 13/02** (2006.01); **F04D 29/04** (2006.01); **F04D 29/041** (2006.01); **F04D 29/043** (2006.01); **F04D 29/047** (2006.01); **F04D 29/62** (2006.01); **F16D 27/01** (2006.01)

CPC (source: EP KR)  
**F01P 5/10** (2013.01 - EP); **F04C 18/02** (2013.01 - KR); **F04D 5/002** (2013.01 - EP); **F04D 13/027** (2013.01 - EP); **F04D 29/0413** (2013.01 - EP); **F04D 29/047** (2013.01 - EP)

Citation (search report)  
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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 0984143 A2 20000308**; **EP 0984143 A3 20010110**; AU 4484899 A 20000316; BR 9904041 A 20000919; CA 2281342 A1 20000303; CN 1246580 A 20000308; GB 2341205 A 20000308; GB 9819261 D0 19981028; GB 9920361 D0 19991103; ID 25731 A 20001102; JP 2000080919 A 20000321; KR 20000022854 A 20000425; NO 994269 D0 19990902; NO 994269 L 20000306; TW 429285 B 20010411; ZA 995664 B 20000404

DOCDB simple family (application)  
**EP 99306909 A 19990831**; AU 4484899 A 19990830; BR 9904041 A 19990902; CA 2281342 A 19990902; CN 99118395 A 19990903; GB 9819261 A 19980903; GB 9920361 A 19990831; ID 990840 A 19990903; JP 24916799 A 19990902; KR 19990037038 A 19990902; NO 994269 A 19990902; TW 88115107 A 19990902; ZA 995664 A 19990902