

Title (en)  
LOW COST GEAR FUEL PUMP

Title (de)  
KOSTENGÜNSTIGE ZAHNRAD-KRAFTSTOFFPUMPE

Title (fr)  
POMPE A CARBURANT A ENGRENAGE DE FAIBLE COUT

Publication  
**EP 1718865 A4 20101020 (EN)**

Application  
**EP 05722970 A 20050214**

Priority  
• US 2005004412 W 20050214  
• US 54458204 P 20040213

Abstract (en)  
[origin: WO2005079302A2] The present invention is directed to a gear pump having a housing with an interior pumping chamber and an inlet to and outlet from the chamber, the outlet being spaced from the inlet. A pair of rotating gears is located in the chamber, the gears including teeth which mesh during gear rotation. The gears are preferably powder metal construction and fixedly secured on a shaft having an axis of rotation. A pair of one-piece bearings is located in the chamber and journal one of first and second end portions of each shaft. The one-piece bearings provide precise alignment of the first and second end portions of the shafts and maintain the shafts in parallel relation.

IPC 8 full level  
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Citation (search report)  
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• See references of WO 2005079302A2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
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