

Title (en)  
HIGH PRESSURE PUMP

Title (de)  
HOCHDRUCKPUMPE

Title (fr)  
POMPE HAUTE PRESSION

Publication  
**EP 2561213 A1 20130227 (DE)**

Application  
**EP 11712557 A 20110406**

Priority  
• DE 102010028036 A 20100421  
• EP 2011055328 W 20110406

Abstract (en)  
[origin: WO2011131481A1] A high-pressure pump (1), which is used, in particular, as a radial or series piston pump for fuel injection systems of air-compressing, auto-igniting internal combustion engines, comprises a housing (2), a drive shaft (3) mounted in the housing (2), at least one cylinder head (6) connected to the housing (2), and a pump assembly (14) which is arranged on the cylinder head (6) and can be driven by the drive shaft (3). The cylinder head (6) comprises a first cylinder head part (7) and a second cylinder head part (8). The pump assembly (14) comprises a pump work chamber (18), which is designed in the first cylinder head part (7). The cylinder head (6) is connected to the housing (2) via the second cylinder head part (8). The first cylinder head part (7) is made of a high-pressure-resistant material, while the second cylinder head part (8) is made of a cost-effective material.

IPC 8 full level  
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CPC (source: EP)  
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See references of WO 2011131481A1

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