

Title (en)  
HIGH-PRESSURE FUEL PUMP

Title (de)  
HOCHDRUCKKRAFTSTOFFPUMPE

Title (fr)  
POMPE À CARBURANT HAUTE PRESSION

Publication  
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Application  
**EP 08864925 A 20081124**

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Abstract (en)  
[origin: WO2009080425A1] The invention relates to a high-pressure fuel pump for operating an internal combustion engine, comprising a pump housing (1) and two pump cylinder heads (2a, 2b) attached thereto, in which a pump piston (3a, 3b) for compressing fuel under low pressure is guided from a low-pressure inlet (6a, 6b) into a pressure chamber (8a, 8b) at high pressure and for delivery of the fuel to a high-pressure connection (13a, 13b) of a high-pressure storage, wherein the two pump pistons (3 a, 3b) can be operated via a common polygonal configuration (4) of a pump cam shaft (5), wherein the two pump cylinder heads (2a, 2b) are further attached on the pump housing (1) such that the two pump pistons (3 a, 3b) are positioned at an angle of 120° to each other.

IPC 8 full level  
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