

Title (en)  
HIGH-PRESSURE FUEL PUMP

Title (de)  
HOCHDRUCKBRENNSTOFFPUMPE

Title (fr)  
POMPE À CARBURANT À HAUTE PRESSION

Publication  
[EP 3135899 B1 20201028 \(EN\)](#)

Application  
[EP 15782715 A 20150417](#)

Priority  

- JP 2014090821 A 20140425
- JP 2015061774 W 20150417

Abstract (en)  
[origin: EP3135899A1] A cylinder is fixed to a pump body with a simple structure even when the fuel pressure is high. The cylinder is formed in a cylindrical shape with a bottom, and includes a large-diameter part and a small-diameter part. The surface of a width difference formed between the large-diameter part and the small-diameter part is press-fitted to the pump body in a direction in which a plunger is compressed.

IPC 8 full level  
[F02M 59/04](#) (2006.01); [F02M 59/44](#) (2006.01); [F02M 59/48](#) (2006.01); [F04B 1/04](#) (2020.01); [F04B 53/16](#) (2006.01)

CPC (source: EP)  
[F02M 59/48](#) (2013.01); [F04B 1/0421](#) (2013.01); [F04B 1/053](#) (2013.01); [F04B 9/042](#) (2013.01); [F04B 11/00](#) (2013.01); [F04B 53/162](#) (2013.01);  
[F02M 2200/8053](#) (2013.01); [F02M 2200/8061](#) (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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JP 6268279 B2 20180124; JP WO2015163243 A1 20170413; WO 2015163243 A1 20151029

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[EP 15782715 A 20150417](#); CN 201580022013 A 20150417; JP 2015061774 W 20150417; JP 2016514896 A 20150417