

Title (en)  
PISTON PUMP, IN PARTICULAR HIGH-PRESSURE FUEL PUMP FOR AN INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)  
KOLBENPUMPE, INSBESONDERE HOCHDRUCK-KRAFTSTOFFPUMPE FÜR EIN EINSPRITZSYSTEM EINER BRENNKRAFTMASCHINE

Title (fr)  
POMPE À PISTON, EN PARTICULIER POMPE À CARBURANT HAUTE PRESSION POUR SYSTÈME D'INJECTION DE MOTEUR À COMBUSTION INTERNE

Publication  
**EP 3821119 A1 20210519 (DE)**

Application  
**EP 19725704 A 20190520**

Priority  
• DE 102018211638 A 20180712  
• EP 2019062925 W 20190520

Abstract (en)  
[origin: WO2020011433A1] A piston pump (10), in particular a high-pressure fuel pump for an injection system of an internal combustion engine, having a piston (22) and a working chamber (24) which is delimited by the piston (22), wherein the piston (22) has a running surface section (26), via which the piston (22) is guided by means of a guide element (28), and is configured and developed in such a way that the running surface section (26) of the piston (22) tapers in cross section towards its end (32) which faces the working chamber (24).

IPC 8 full level  
**F02M 59/02** (2006.01); **F04B 1/04** (2020.01); **F04B 1/12** (2020.01); **F04B 53/00** (2006.01)

CPC (source: EP KR US)  
**F02M 59/025** (2013.01 - EP KR US); **F02M 59/44** (2013.01 - US); **F04B 1/0408** (2013.01 - EP KR); **F04B 15/00** (2013.01 - US); **F04B 19/22** (2013.01 - US); **F04B 53/14** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2020011433A1

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