

Title (en)

HIGH-PRESSURE PISTON FUEL PUMP

Title (de)

KRAFTSTOFFHOCHDRUCK-KOLBENPUMPE

Title (fr)

POMPE À PISTON HAUTE PRESSION POUR CARBURANT

Publication

EP 2867520 B1 20190403 (DE)

Application

EP 13730210 A 20130617

Priority

- DE 102012211106 A 20120628
- EP 2013062514 W 20130617

Abstract (en)

[origin: WO2014001122A1] A high-pressure piston fuel pump comprises an inlet valve (20) which comprises a plate-shaped movable valve member (36) and at least one stationary valve seat (60) cooperating therewith. According to the invention, the valve seat (60) extends along a valve seat line extending at least in regions in an undulating, meandering, jagged or clover-leaf fashion, or extends along a first radially inner valve seat line and a second radially outer valve seat line.

IPC 8 full level

F02M 59/36 (2006.01); **F02M 59/46** (2006.01)

CPC (source: EP KR)

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Citation (examination)

- DE 3404520 A1 19850814 - URACA PUMPEN [DE]
- US 1355285 A 19201012 - STANTON JOSEPH B

Designated contracting state (EPC)

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DOCDB simple family (publication)

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