

Title (en)
PUMPING ASSEMBLY

Title (de)
PUMPANORDNUNG

Title (fr)
MODULE DE POMPAGE

Publication
EP 3153699 B1 20180523 (EN)

Application
EP 16191550 A 20160929

Priority
GB 201517504 A 20151005

Abstract (en)
[origin: EP3153699A1] A pumping assembly for a high pressure diesel fuel pump comprises a spring seat member (120) against which a plunger return spring (106) abuts, and a shoulder member (140) which is coupled to the plunger (104); wherein the plunger (104) protrudes through a clearance through hole (134) of the spring seat member (140) such that the plunger is decoupled from the spring seat member (120) so that spring forces do not act on the plunger (104) and it is able to self-centre during operation of the pump. The pumping assembly further comprises a shoe (112), a top face (164) of which being non-orthogonal to a pumping axis (A).

IPC 8 full level
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CPC (source: EP KR)
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