

Title (en)
HIGH-PRESSURE PUMP

Title (de)
HOCHDRUCKPUMPE

Title (fr)
POMPE HAUTE PRESSION

Publication
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Application
EP 13700229 A 20130115

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Abstract (en)
[origin: WO2013113544A1] The invention relates to a high-pressure pump (1) for conveying a fluid, particularly a fuel such as diesel, which comprises: a drive shaft (2) that has at least one cam (3); at least one piston (5); at least one cylinder (6) for mounting said at least one piston (5); and a roller shoe (9) that has a running roller (10) mounted therein (9) by means of a sliding bearing. The piston (5) is supported indirectly, using the roller shoe (9), on the drive shaft (2) with the at least one cam (3) such that said at least one piston (5) is able to carry out a translational movement on the basis of a rotational movement of the drive shaft (2), the sliding bearing on the roller shoe (9) comprising at least one recess outside of a sliding bearing operational contact surface.

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Citation (examination)
• DE 102009029297 A1 20110310 - BOSCH GMBH ROBERT [DE]
• DE 102009028378 A1 20110217 - BOSCH GMBH ROBERT [DE]
• DE 102011086703 A1 20130523 - BOSCH GMBH ROBERT [DE]

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