

Title (en)
HIGH-PRESSURE FUEL PUMP

Title (de)
KRAFTSTOFFHOCHDRUCKPUMPE

Title (fr)
POMPE À CARBURANT À HAUTE PRESSION

Publication
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Application
EP 16775748 A 20161005

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Abstract (en)
[origin: WO2017071921A1] The invention relates to a high-pressure fuel pump (1), in particular of a common rail injection system of an internal combustion engine, having a pump cylinder head (3), having an intake valve (6) arranged in the pump cylinder head (3) in the direction of a pump cylinder axis, and a high-pressure fuel outlet (5) arranged laterally on the pump cylinder head (3), wherein a protective cap (10, 10a) at least partly covering the high-pressure fuel pump (1) is provided. According to the invention, a high-pressure fuel pump (1) having a protective cap (10, 10a) is provided, in which the protective cap (10, 10a) can be mounted without difficulty on an assembled high-pressure fuel pump (1). This is achieved in that a plug (8) having a lateral lead connection (9) is placed on the electrically operated intake valve (6), and the protective cap (10) is formed in two pieces and has two protective cap parts (11a, 11b) that can be fitted to each other, or else in that a plug (8) having a lateral lead connection (9) is placed on the electrically operated intake valve (6), and the protective cap (10a) is formed annularly and has a free clearance slot (19) interrupting the ring.

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