

Title (en)

HIGH-PRESSURE FUEL PUMP COMPRISING A DISCHARGE VALVE WITH A VALVE BALL AND A VALVE BODY

Title (de)

KRAFTSTOFF-HOCHDRUCKPUMPE, MIT EINEM AUSLASSVENTIL MIT EINER VENTILKUGEL UND EINEM VENTILKÖRPER

Title (fr)

POMPE À CARBURANT À HAUTE PRESSION, COMPRENANT UNE SOUPAPE D'ÉVACUATION POURVUE D'UNE BILLE ET D'UN CORPS

Publication

EP 3152434 A1 20170412 (DE)

Application

EP 15706759 A 20150220

Priority

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Abstract (en)

[origin: WO2015158451A1] The invention relates to a high-pressure fuel pump (10) comprising a discharge valve (32) with a valve ball (38) and a valve body (58), said body having a sealing section provided with a sealing seat (68) and having a guiding section (70), in which the valve ball is guided (38). According to the invention, the guiding section (70) has a first plurality of axially projecting lands (72), between which first flow paths (74) are formed, and a gap (75) facing radially outwards is situated at least between two adjacent lands (72).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2015158451A1

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