

Title (en)
PLUNGER

Title (de)
STÖSSEL

Title (fr)
POUSSOIR

Publication
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Application
EP 13823929 A 20131118

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Abstract (en)
[origin: WO2014117762A1] The invention relates to a plunger (1) for a fuel injection pump, comprising a housing (2) that has a drive-side annular end face (3) at which two flat sections (5), recessed in relation to an outer shell (4) of the housing (2), lie diametrically opposite one another, a bolt (7) that supports a roller (6) being mounted in said sections. A separate bridge section (9) protrudes through an inner shell (8) of the housing (2), axially below said roller (6), and the output-side end face (10) of said bridge section acts as a contact point for a plunger follower part (11), the bridge section (9) lying against undersides (12) of said flat sections (5) in the direction of the drive-side annular end face (3) and being held, in the direction of an output-side annular end face (13) of said housing (2), by a ring (14) that is fixed to the inner shell (8), is a spring-loaded spring clip, and sits in a complementary groove (15) of the inner shell (8) of the housing (2) so as not to protrude radially out of said groove (15), at least two tabs (17) projecting radially inwards from an upper side (16) of the ring (14), and the bridge section (9) being fixed thereupon in the direction of the output-side annular end face (3).

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Citation (search report)
See references of WO 2014117762A1

Cited by
DE102020104313B3; WO2021164807A1; US11913415B2

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