

Title (en)

ROLLER TAPPET

Title (de)

ROLLENSTÖSSEL

Title (fr)

POUSSOIR À GALET

Publication

EP 2507484 B1 20140402 (DE)

Application

EP 10768746 A 20101014

Priority

- DE 102009056306 A 20091130
- EP 2010065408 W 20101014

Abstract (en)

[origin: WO2011064044A1] The invention relates to a roller tappet (1) for a high pressure fuel pump, having a housing (2) in which a friction bearing mounted roll (4) serving as a run-up of a cam is immanent in the drive-side face (3) thereof, wherein the housing (2) has a bridge piece (5) underneath the roll (4) when viewed in the direction of the housing which has an attachment (8) for a tappet follower part on the one end face (7) thereof facing a drive-side face (6) of the housing (2) and wherein a shell part (11) separate from a rolling ring, such as a half or third-shell, sits in a cylindrical molding (9) of another drive-side end face (10) of the bridge part (5), in which the friction bearing mounted roll (4) runs directly.

IPC 8 full level

F01L 1/14 (2006.01); **F02M 59/10** (2006.01); **F04B 1/04** (2006.01)

CPC (source: EP KR US)

F01L 1/14 (2013.01 - KR); **F01L 1/146** (2013.01 - EP US); **F02M 59/10** (2013.01 - KR); **F02M 59/102** (2013.01 - EP US);
F04B 1/04 (2013.01 - KR); **F04B 1/0408** (2013.01 - EP US); **F04B 1/0417** (2013.01 - EP US); **F04B 1/0426** (2013.01 - EP US);
F04B 9/042 (2013.01 - EP US); **F04B 9/045** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US); **F01L 2307/00** (2020.05 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102009056306 A1 20110601; CN 102686835 A 20120919; EP 2507484 A1 20121010; EP 2507484 B1 20140402;
IN 2997DEN2012 A 20150731; KR 20120106740 A 20120926; US 2012234277 A1 20120920; US 8607754 B2 20131217;
WO 2011064044 A1 20110603

DOCDB simple family (application)

DE 102009056306 A 20091130; CN 201080054199 A 20101014; EP 10768746 A 20101014; EP 2010065408 W 20101014;
IN 2997DEN2012 A 20120409; KR 20127013789 A 20101014; US 201013512413 A 20101014