

Title (en)
Tappet arrangement and pump

Title (de)
Stößelanordnung und Pumpe

Title (fr)
Agencement de poussoir et pompe

Publication
EP 2915994 A1 20150909 (EN)

Application
EP 14158131 A 20140306

Priority
EP 14158131 A 20140306

Abstract (en)
A tappet arrangement (200) for a high pressure pump comprises a tappet body (201), a roller (202) arranged partly in the tappet body, and a fixing (203) for holding the roller (202) in the tappet body to prevent a movement of the roller (202) in direction of the longitudinal axis (R) of the roller. The tappet body comprises a first (2041) and a second (2042) side surface arranged opposite to each other, and aligned in direction of the longitudinal axis of the roller, and a third (2051) and a fourth (2052) side surface arranged opposite to each other, and aligned perpendicular to the direction of the longitudinal axis of the roller, wherein the dimension of the first and the second side surfaces in direction of the longitudinal axis of the roller is larger than the dimension of the third and the fourth side surfaces perpendicular to the direction of the longitudinal axis of the roller.

IPC 8 full level
F02M 59/06 (2006.01); **F02M 59/10** (2006.01); **F04B 1/04** (2006.01)

CPC (source: EP)
F02M 59/06 (2013.01); **F02M 59/102** (2013.01); **F04B 1/0417** (2013.01); **F02M 2200/03** (2013.01)

Citation (search report)
• [XAY] EP 2657505 A1 20131030 - DELPHI TECH HOLDING SARL [LU]
• [XAY] DE 102009028394 A1 20110217 - BOSCH GMBH ROBERT [DE]
• [X] DE 102010043404 A1 20120405 - CONTINENTAL AUTOMOTIVE GMBH [DE]
• [Y] DE 102010043512 A1 20120510 - BOSCH GMBH ROBERT [DE]
• [Y] DE 102005053827 A1 20060907 - SKF AB [SE]
• [Y] DE 102010039427 A1 20120223 - BOSCH GMBH ROBERT [DE]
• [E] EP 2711546 A1 20140326 - CONTINENTAL AUTOMOTIVE GMBH [DE]

Cited by
IT201800008097A1; CN106438145A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2915994 A1 20150909; WO 2015132052 A1 20150911

DOCDB simple family (application)
EP 14158131 A 20140306; EP 2015052753 W 20150210