

Title (en)
DRIVESHAFT

Title (de)
ANTRIEBSWELLE

Title (fr)
ARBRE D'ENTRAÎNEMENT

Publication
EP 3234342 A1 20171025 (EN)

Application
EP 15784723 A 20151026

Priority
• GB 201422422 A 20141217
• EP 2015074713 W 20151026

Abstract (en)
[origin: WO2016096206A1] A three-part driveshaft assembly for a high pressure fuel pump, comprising a shaft, at least one cam lobe located in an interference fit on a first mid-portion of the shaft, and a thrust washer located in an interference fit on a second mid- portion of the shaft; and a method of assembling the driveshaft assembly, for example using heating and cooling steps.

IPC 8 full level
F02M 59/10 (2006.01); **F01L 1/047** (2006.01); **F02M 59/44** (2006.01); **F02M 59/48** (2006.01); **F04B 1/04** (2006.01); **F04B 9/04** (2006.01)

CPC (source: CN EP KR)
F01L 1/047 (2013.01 - CN EP KR); **F02M 59/102** (2013.01 - CN EP KR); **F02M 59/445** (2013.01 - CN EP KR); **F02M 59/48** (2013.01 - CN EP KR); **F04B 1/0413** (2013.01 - CN EP KR); **F04B 9/04** (2013.01 - CN EP); **F04B 9/042** (2013.01 - CN EP)

Citation (search report)
See references of WO 2016096206A1

Citation (examination)
• WO 2011029649 A1 20110317 - DELPHI TECHNOLOGIES HOLDING [LU], et al
• EP 2079923 A1 20090722 - BOSCH GMBH ROBERT [DE]

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)
WO 2016096206 A1 20160623; CN 107110093 A 20170829; CN 107110093 B 20200818; EP 3234342 A1 20171025; KR 102396682 B1 20220511; KR 20170094225 A 20170817

DOCDB simple family (application)
EP 2015074713 W 20151026; CN 201580068462 A 20151026; EP 15784723 A 20151026; KR 20177016336 A 20151026