

Title (en)

PISTON PUMP, IN PARTICULAR HIGH-PRESSURE PUMP FOR A FUEL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

KOLBENPUMPE, INSBESONDERE HOCHDRUCKPUMPE FÜR EIN KRAFTSTOFFSYSTEM FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

POMPE À PISTON, EN PARTICULIER POMPE À HAUTE PRESSION POUR UN SYSTÈME DE CARBURANT POUR UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 2989316 B1 20170524 (DE)**

Application

**EP 14713093 A 20140326**

Priority

- DE 102013207393 A 20130424
- EP 2014056043 W 20140326

Abstract (en)

[origin: WO2014173603A1] The invention relates to a piston pump (24), in particular high-pressure pump for a fuel system (10) for an internal combustion engine, with an inner housing core (46) to which a cylinder liner (32) is fastened, and with an outer housing casing (50) which at least partially encases the inner housing core (46) radially from the outside. According to the invention, at least one radially protruding edge section (52) of the outer housing casing (50) forms at least part of a fastening flange (74) with which the piston pump (24) can be fastened to an add-on structure.

IPC 8 full level

**F02M 39/02** (2006.01); **F02M 59/10** (2006.01); **F02M 59/48** (2006.01)

CPC (source: EP)

**F02M 39/02** (2013.01); **F02M 59/102** (2013.01); **F02M 59/48** (2013.01); **F02M 2200/8046** (2013.01); **F02M 2200/8053** (2013.01); **F02M 2200/8061** (2013.01); **F02M 2200/8069** (2013.01); **F02M 2200/8084** (2013.01)

Cited by

WO2018007058A1; US10801454B2; WO2024160457A1

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 102013207393 A1 20141030**; CN 105143656 A 20151209; EP 2989316 A1 20160302; EP 2989316 B1 20170524; KR 20160002824 A 20160108; WO 2014173603 A1 20141030

DOCDB simple family (application)

**DE 102013207393 A 20130424**; CN 201480023182 A 20140326; EP 14713093 A 20140326; EP 2014056043 W 20140326; KR 20157030605 A 20140326