

Title (en)
HIGH-PRESSURE PUMP

Title (de)
HOCHDRUCKPUMPE

Title (fr)
POMPE À HAUTE PRESSION

Publication
EP 3368764 A1 20180905 (DE)

Application
EP 16763546 A 20160913

Priority
• DE 102015220870 A 20151026
• EP 2016071565 W 20160913

Abstract (en)
[origin: WO2017071867A1] The invention relates to a high-pressure pump (1), in particular for a motor vehicle, for conveying a fluid, in particular fuel, e.g. diesel fuel, comprising a drive shaft having at least one cam, at least one piston, at least one cylinder (6) for mounting the at least one cam, wherein the at least one piston is supported on the drive shaft by the at least one cam, so that a translational motion can be carried out by the at least one cam as a result of a rotary motion of the drive shaft, at least one cover cap (8), which is attached indirectly or directly to the outside of the cylinder (6), wherein one end (18) of the at least one cover cap (8) rests on a projection (16) of the remaining high-pressure pump (1) for the interlocking attachment of the end (18) of the cover cap (8) to the projection (16).

IPC 8 full level
F02M 59/44 (2006.01); **F02M 59/48** (2006.01)

CPC (source: EP US)
F02M 59/06 (2013.01 - US); **F02M 59/102** (2013.01 - US); **F02M 59/44** (2013.01 - EP US); **F02M 59/48** (2013.01 - EP US);
F02M 63/0265 (2013.01 - US)

Citation (search report)
See references of WO 2017071867A1

Cited by
DE102021004283A1

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)
DE 102015220870 A1 20170427; CN 108291517 A 20180717; CN 108291517 B 20200804; EP 3368764 A1 20180905;
EP 3368764 B1 20210217; US 10851749 B2 20201201; US 2018363609 A1 20181220; WO 2017071867 A1 20170504

DOCDB simple family (application)
DE 102015220870 A 20151026; CN 201680062750 A 20160913; EP 16763546 A 20160913; EP 2016071565 W 20160913;
US 201615770295 A 20160913