

Title (en)
MODULAR PUMP HOUSING

Title (de)
MODULARES PUMPENGHÄUSE

Title (fr)
CORPS DE POMPE MODULABLE

Publication
EP 3436701 A1 20190206 (FR)

Application
EP 17717787 A 20170327

Priority
• FR 1652663 A 20160329
• FR 2017050698 W 20170327

Abstract (en)
[origin: WO2017168080A1] The invention relates to a modular pump housing 10 comprising: a pumping chamber 26, substantially cylindrical about a pumping axis and comprising an opening for the insertion of a piston and a base opposite the opening; a face suitable for attaching a fluid interface 12 thereto; and a conduit 29 connecting the base with the face. Using a process according to the invention, the diameter of the chamber can be selected during manufacture without changing the external measurements of the body. A solenoid valve 11 can be attached using the fluid interface. If a solenoid valve is not used, an additional conduit is provided through a sidewall of the chamber for connecting the latter with the fluid interface.

IPC 8 full level
F04B 53/16 (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP US)
F04B 53/007 (2013.01 - EP US); **F04B 53/10** (2013.01 - US); **F04B 53/16** (2013.01 - EP US); **F04B 53/162** (2013.01 - US);
F04B 53/22 (2013.01 - EP US)

Citation (search report)
See references of WO 2017168080A1

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 2017168080 A1 20171005; CN 108884827 A 20181123; CN 108884827 B 20210302; EP 3436701 A1 20190206; EP 3436701 B1 20201202;
FR 3049659 A1 20171006; FR 3049659 B1 20190906; US 2019107107 A1 20190411

DOCDB simple family (application)
FR 2017050698 W 20170327; CN 201780021404 A 20170327; EP 17717787 A 20170327; FR 1652663 A 20160329;
US 201716089403 A 20170327