

Title (en)
MOTOR-PUMP UNIT

Title (de)
MOTORPUMPENAGGREGAT

Title (fr)
ENSEMBLE MOTO-POMPE

Publication
EP 3337978 A2 20180627 (DE)

Application
EP 16774848 A 20160802

Priority
• DE 102015010728 A 20150817
• EP 2016001331 W 20160802

Abstract (en)
[origin: WO2017028946A2] 2. Abstract 2.1 Problem: The invention aims at providing a motor-pump unit that is designed, in a manner that is cost-effective and suitable for mass production, such that a plurality of electrical components are jointly connected by means of a plug-in connection, the number of required tools being kept low. 2.2 Solution: The motor-pump unit is provided with a plastics overmolding (6), wherein the plastics overmolding forms a cover (7) for the electric motor (2), surrounds a magnetic coil (8) and at least one flux-conducting element (21) of the electromagnet (4), forms a plug housing (9) for an electrical plug connection (23) and surrounds the strip conductors (10) leading to the plug-in connection (23). 2.3 Use: Actuation of proportionally acting hydraulic-mechanical actuators with precise control of the force and the speed of the mechanical part of the actuator depending on the electrical input signals to the motor-pump unit.

IPC 8 full level
F04B 53/16 (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)
F01C 21/10 (2013.01); **F04B 17/03** (2013.01); **F04B 39/12** (2013.01); **F04B 39/121** (2013.01); **F04B 53/16** (2013.01); **F04B 53/22** (2013.01); **F04C 2/10** (2013.01); **F04C 11/008** (2013.01)

Citation (search report)
See references of WO 2017028946A2

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 102015010728 A1 20170223; EP 3337978 A2 20180627; EP 3337978 B1 20200401; WO 2017028946 A2 20170223;
WO 2017028946 A3 20170713

DOCDB simple family (application)
DE 102015010728 A 20150817; EP 16774848 A 20160802; EP 2016001331 W 20160802