

Title (en)  
HYDRAULIC UNIT

Title (de)  
HYDRAULIKEINHEIT

Title (fr)  
UNITÉ HYDRAULIQUE

Publication  
**EP 4377576 A1 20240605 (DE)**

Application  
**EP 22744205 A 20220715**

Priority  
• DE 102021119466 A 20210727  
• EP 2022069922 W 20220715

Abstract (en)  
[origin: WO2023006454A1] The invention relates to a hydraulic unit (10) for providing a pressurized hydraulic fluid for driving a coupled hydraulic actuator (12), comprising: - a motor (30) which is disposed in a motor housing (28); - a hydraulic accumulator (40) which is disposed in an accumulator housing; - a hydraulic pump (36) which is disposed in a hydraulic housing; and - a hydraulic block (38); wherein the motor housing (28), the accumulator housing and the hydraulic housing are fluidically interconnected. According to the invention, at least one main flow connection between the hydraulic pump (36) and the actuator (12) is led through at least one channel (44) of the motor housing (28).

IPC 8 full level  
**F15B 15/18** (2006.01); **F04C 15/00** (2006.01); **F15B 1/26** (2006.01); **F15B 7/00** (2006.01); **F15B 15/14** (2006.01); **F15B 21/04** (2019.01); **H02K 5/20** (2006.01)

CPC (source: EP)  
**F15B 7/006** (2013.01); **F15B 15/149** (2013.01); **F15B 15/18** (2013.01); **F15B 21/04** (2013.01); **F15B 21/0423** (2019.01); **H02K 1/32** (2013.01); **H02K 5/203** (2021.01); **H02K 9/19** (2013.01); **F15B 1/26** (2013.01); **F15B 2211/20515** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/20561** (2013.01); **F15B 2211/20569** (2013.01); **F15B 2211/27** (2013.01); **F15B 2211/62** (2013.01); **F15B 2211/6658** (2013.01); **F15B 2211/7053** (2013.01); **F15B 2211/785** (2013.01)

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021119466 A1 20230202**; **DE 102021119466 B4 20240411**; CN 117940676 A 20240426; EP 4377576 A1 20240605; WO 2023006454 A1 20230202

DOCDB simple family (application)  
**DE 102021119466 A 20210727**; CN 202280062071 A 20220715; EP 2022069922 W 20220715; EP 22744205 A 20220715