

Title (en)
HYDRAULIC SYSTEM, HYDRAULIC UNIT, VEHICLE, METHOD AND USE

Title (de)
HYDRAULIKSYSTEM, HYDRAULIKEINHEIT, FAHRZEUG, VERFAHREN UND VERWENDUNG

Title (fr)
SYSTÈME HYDRAULIQUE, UNITÉ HYDRAULIQUE, VÉHICULE, PROCÉDÉ ET UTILISATION

Publication
EP 3802397 A1 20210414 (DE)

Application
EP 19728003 A 20190528

Priority
• DE 102018112835 A 20180529
• EP 2019063831 W 20190528

Abstract (en)
[origin: WO2019229068A1] The invention relates to a hydraulic system for the open- or closed-loop control of a hydraulic cylinder (19a, 19b), having at least one hydraulic cylinder (19a, 19b), at least one hydraulic unit (10, 11) by means of which the hydraulic cylinder (19a, 19b) can selectively be connected to a pressure source and a tank (15), and at least one open- or closed-loop control device (31) for the open- or closed-loop control of the supply of hydraulic liquid to the hydraulic cylinder (19a, 19b), the open- or closed-loop control device (31) forming a first assembly and the hydraulic unit (10, 11) forming a second assembly, which assemblies are structurally separate from one another and are fluidically connected, wherein the supply of hydraulic liquid to the hydraulic cylinder (19a, 19b) is predominantly controllable, in open- or closed-loop fashion, from outside the hydraulic unit (10, 11) by means of the open- or closed-loop control device (31), and wherein the hydraulic unit (10, 11) is rigidly connected to the hydraulic cylinder (19a, 19b).

IPC 8 full level
B66F 9/22 (2006.01); **B60G 17/056** (2006.01)

CPC (source: CN EP US)
B60G 17/044 (2013.01 - CN US); **B60G 17/056** (2013.01 - EP); **B60G 17/0565** (2013.01 - US); **B66F 9/22** (2013.01 - EP); **F15B 11/17** (2013.01 - CN); **F15B 13/022** (2013.01 - US); **B60G 2202/413** (2013.01 - EP US); **B60G 2202/416** (2013.01 - EP US); **B60G 2300/022** (2013.01 - EP US); **B60G 2500/30** (2013.01 - EP US); **B66F 9/07586** (2013.01 - US)

Citation (search report)
See references of WO 2019229068A1

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 102018112835 A1 20191205; CN 110541861 A 20191206; CN 210033996 U 20200207; EP 3802397 A1 20210414; US 11312202 B2 20220426; US 2021197639 A1 20210701; WO 2019229068 A1 20191205

DOCDB simple family (application)
DE 102018112835 A 20180529; CN 201910164102 A 20190305; CN 201920276057 U 20190305; EP 19728003 A 20190528; EP 2019063831 W 20190528; US 201917057878 A 20190528