

Title (en)  
HYDRAULIC SUPPLY SYSTEM FOR A VEHICLE

Title (de)  
HYDRAULIKVERSORGUNGSSYSTEM FÜR EIN FAHRZEUG

Title (fr)  
SYSTÈME D'ALIMENTATION HYDRAULIQUE DESTINÉ À UN VÉHICULE

Publication  
**EP 3969753 A1 20220323 (DE)**

Application  
**EP 20722509 A 20200422**

Priority  
• DE 102019112677 A 20190515  
• EP 2020061162 W 20200422

Abstract (en)  
[origin: WO2020229111A1] The invention relates to a hydraulic supply system (10) for at least one vehicle, in particular a rail vehicle, comprising at least one drive motor (12), at least one flange (14), at least one hydraulic pump (16) and at least one control plate (18) for receiving and/or controlling further electrical and/or hydraulic components (20) of the hydraulic supply system (10), wherein, in the mounted state, the flange (14) is secured on the drive motor (12) and on the hydraulic pump (16) for the mutual mechanical coupling thereof, and wherein the flange (14) is secured on the control plate (18), wherein the flange (14) also has at least one connector (26) for coupling the hydraulic pump (16) to the control plate (18), and wherein the flange (14) has at least one electrical coupling element (28) for electrically coupling the drive motor (12) to the control plate (18).

IPC 8 full level  
**F04B 17/03** (2006.01); **F04B 53/08** (2006.01); **F04B 53/16** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)  
**F01C 21/007** (2013.01 - EP); **F01C 21/10** (2013.01 - EP); **F04B 17/03** (2013.01 - EP US); **F04B 53/00** (2013.01 - US); **F04B 53/08** (2013.01 - EP US); **F04B 53/16** (2013.01 - EP US); **F04C 2/00** (2013.01 - EP); **F15B 1/18** (2013.01 - US); **F15B 1/26** (2013.01 - US); **F15B 15/18** (2013.01 - US); **F04C 15/0057** (2013.01 - EP); **F04C 15/0073** (2013.01 - EP); **F04C 15/06** (2013.01 - EP); **F04C 2240/30** (2013.01 - EP); **F04C 2240/80** (2013.01 - EP); **F04C 2240/803** (2013.01 - EP); **F15B 2211/20515** (2013.01 - US)

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 102019112677 A1 20201119**; CN 113825908 A 20211221; EP 3969753 A1 20220323; US 2022228582 A1 20220721; WO 2020229111 A1 20201119

DOCDB simple family (application)  
**DE 102019112677 A 20190515**; CN 202080036457 A 20200422; EP 2020061162 W 20200422; EP 20722509 A 20200422; US 202017611566 A 20200422