

Title (en)  
CONDITION MONITORING SYSTEM

Title (de)  
ZUSTANDSÜBERWACHUNGSSYSTEM

Title (fr)  
SYSTÈME DE SURVEILLANCE D'ÉTAT

Publication  
**EP 4295061 A1 20231227 (EN)**

Application  
**EP 22707737 A 20220224**

Priority  
• DE 102021203992 A 20210421  
• EP 2022054658 W 20220224

Abstract (en)  
[origin: WO2022223180A1] A condition monitoring system embedded to a hydraulic circuit comprising a master sensor device for continuously sensing a first physical operational parameter of the hydraulic propel unit. A storage unit is provided on the master sensor device for storing sensed and/or processed data. The condition monitoring system further comprises a computing unit for processing the sensed data. The condition information of the propel unit is obtained by means of a condition monitoring method and/or a predictive maintenance method applied on the propel unit. An output unit indicates the condition information of the propel unit and/or communicates the condition information of the propel unit to a telltale and/or a control unit and/or a vehicle controller.

IPC 8 full level  
**F16H 57/01** (2012.01); **F16H 61/12** (2010.01)

CPC (source: EP)  
**F16H 57/01** (2013.01); **F16H 61/12** (2013.01); **F16H 2057/018** (2013.01); **F16H 2061/1208** (2013.01); **F16H 2061/1216** (2013.01)

Citation (search report)  
See references of WO 2022223180A1

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 102021203992 B3 20220602**; CN 117769627 A 20240326; EP 4295061 A1 20231227; WO 2022223180 A1 20221027

DOCDB simple family (application)  
**DE 102021203992 A 20210421**; CN 202280027922 A 20220224; EP 2022054658 W 20220224; EP 22707737 A 20220224