

Title (en)

HYDRAULIC CONTROL SYSTEM FOR CONTROLLING AN OPERATION OF A WORK VEHICLE AND RELATED METHOD

Title (de)

HYDRAULISCHES STEUERUNGSSYSTEM ZUR STEUERUNG DES BETRIEBS EINES ARBEITSFAHRZEUGS UND ENTSPRECHENDES VERFAHREN

Title (fr)

SYSTÈME DE COMMANDE HYDRAULIQUE POUR COMMANDER LE FONCTIONNEMENT D'UN VÉHICULE DE TRAVAIL ET PROCÉDÉ ASSOCIÉ

Publication

**EP 4116505 A1 20230111 (EN)**

Application

**EP 22182257 A 20220630**

Priority

IT 202100018038 A 20210708

Abstract (en)

Hydraulic control system (1) for controlling at least a third operation actuator (3; 4) of a work vehicle, provided with valve means (2) fluidly interposed between a third operation actuator (3; 4), a source of fluid in pressure (P) and a discharge (T) and an electronic control unit (6) comprising elaboration means configured to receive a plurality of input (7) and to provide an output signal (8) to control the valve means (2) for operating the third operation actuator (3; 4).

IPC 8 full level

**E02F 9/20** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)

**E02F 9/2012** (2013.01); **E02F 9/2228** (2013.01)

Citation (search report)

- [YA] EP 3719212 A1 20201007 - HEXAGON TECHNOLOGY CT GMBH [CH]
- [YA] EP 2805910 A1 20141126 - BAMFORD EXCAVATORS LTD [GB]
- [A] US 2020181878 A1 20200611 - MAHRENHOLZ JOHN [US], et al

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)

**EP 4116505 A1 20230111**; IT 202100018038 A1 20230108

DOCDB simple family (application)

**EP 22182257 A 20220630**; IT 202100018038 A 20210708