

Title (en)

METHOD FOR ADJUSTING AN ACTUATION OF A PROPORTIONAL VALVE FOR ITS FUNCTIONAL OPERATION AS PART OF A FLUID SYSTEM

Title (de)

VERFAHREN ZUM ANPASSEN EINER ANSTEUERUNG EINES PROPORTIONALVENTILS AN SEINEN FUNKTIONSGEMÄßEN BETRIEB ALS TEIL EINES FLUIDSYSTEMS

Title (fr)

PROCÉDÉ DE RÉGLAGE D'UN ACTIONNEMENT D'UNE SOUPAPE PROPORTIONNELLE EN VUE DE SON FONCTIONNEMENT FONCTIONNEL EN TANT QUE PARTIE D'UN SYSTÈME DE FLUIDE

Publication

EP 4320356 A1 20240214 (DE)

Application

EP 22735292 A 20220601

Priority

- DE 102021003236 A 20210623
- DE 2022100411 W 20220601

Abstract (en)

[origin: WO2022268254A1] Disclosed is a method for adjusting an actuation of a proportional valve (10) for its functional operation as part of a fluid system (14), comprising the following steps: acquiring measurements of the proportional valve (10) during its operation outside the fluid system (14); preparing a characteristic diagram (12) based on the measurements; integrating the proportional valve (10) into the fluid system (14), and adapting the actuation of the proportional valve (10) to the fluid system (14) on the basis of the characteristic diagram (12) by means of a control device (18). A corresponding fluid system (14) and an industrial truck with such a fluid system (14) are also disclosed.

IPC 8 full level

F15B 19/00 (2006.01)

CPC (source: EP)

F15B 19/002 (2013.01)

Citation (search report)

See references of WO 2022268254A1

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 102021003236 A1 20221229; CN 117581029 A 20240220; DE 112022003203 A5 20240418; EP 4320356 A1 20240214; WO 2022268254 A1 20221229

DOCDB simple family (application)

DE 102021003236 A 20210623; CN 202280043759 A 20220601; DE 112022003203 T 20220601; DE 2022100411 W 20220601; EP 22735292 A 20220601