

Title (en)

SERVOVALVE HAVING A LINEAR ACTUATOR AND MECHANICAL FEEDBACK

Title (de)

SERVOVENTIL MIT EINEM LINEARANTRIEB UND MECHANISCHER RÜCKKOPPLUNG

Title (fr)

SERVOVALVE A ACTIONNEUR LINEAIRE ET RETROACTION MECANIQUE

Publication

**EP 4118344 A1 20230118 (FR)**

Application

**EP 21711240 A 20210312**

Priority

- FR 2002524 A 20200313
- EP 2021056407 W 20210312

Abstract (en)

[origin: WO2021180960A1] The invention relates to a servovalve (100) with a pilot stage (20), comprising two hydraulic elements (30, 6) which are movable relative to one another in order to displace a power distribution member (2), the pilot stage (20) comprising a linear actuator (40) having a main plunger (41) which is arranged to modify the relative position of the hydraulic elements (30, 6). The pilot stage (20) also comprises a feedback lever (50) in position.

IPC 8 full level

**F15B 13/043** (2006.01)

CPC (source: EP US)

**F15B 13/0436** (2013.01 - EP); **F15B 13/0438** (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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3108153 A1 20210917**; **FR 3108153 B1 20220408**; CN 116157603 A 20230523; EP 4118344 A1 20230118; US 11994154 B2 20240528; US 2023145967 A1 20230511; WO 2021180960 A1 20210916

DOCDB simple family (application)

**FR 2002524 A 20200313**; CN 202180035320 A 20210312; EP 2021056407 W 20210312; EP 21711240 A 20210312; US 202117911084 A 20210312