

Title (en)

VORSTEUERSTUFFE EINES SERVOVENTILS UND ZWEISTUFFIGES SERVOVENTIL MIT EINER SOLCHEN VORSTEUERSTUFFE

Title (de)

PILOT STAGE FOR A SERVOVALVE AND DOUBLE-STAGE SERVOVALVE WITH SUCH A PILOT STAGE

Title (fr)

ETAGE DE PILOTAGE DE SERVOVALVE ET SERVOVALVE A DEUX ETAGES INCLUANT UN TEL ETAGE.

Publication

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Application

EP 11738446 A 20110729

Priority

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- EP 2011063153 W 20110729

Abstract (en)

[origin: WO2012013808A1] The invention relates to a driving stage for a two-stage servo valve, the driving stage being of the jet type, comprising an ejector (20) for ejecting a fluid jet and which is movable opposite a baffle (6) capable of generating a pressure differential that can be used to move a slide (3) of the servo valve. According to the invention, the ejector (20) radially projects from a column (21) to which the ejector (20) is rigidly connected, while being in fluid communication with a central opening (22) of the column through which fluid is supplied to the ejector, the column having a first end which is fitted onto the servo valve (23) and through which the fluid is fed into the column, and the column having a second end that is subjected to the load of a torque motor (26) for selectively twisting the column in one direction or the other about a starting position.

IPC 8 full level

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