Title (en)

Method and device to control the power supply to a valve for hydraulic tools

Title (de)

Verfahren und Vorrichtung zur Steuerung der Speisung eines Stellgliedes für ein hydraulisches Werkzeug

Title (fr)

Procédé et dispositif de commande d'alimentation de vérin de manoeuvre d'outils hydrauliques

Publication

EP 0687481 B1 20000322 (FR)

Application

EP 95430004 A 19950608

Priority

FR 9407680 A 19940615

Abstract (en)

[origin: EP0687481A1] The system consists of a control handle (3) for the tool (1), and a flexible line (4) connecting it to a hydraulic fluid source which can be pressurised. The handle also has a switch (7) for operating the fluid pressurising drive. The actuating cylinder (2) for the tool (1) has a chamber (8) to receive the pressure fluid, situated on one side and its piston (10). The chamber (9) on the opposite side of the piston contains any elastically compressible substance which is able to oppose the piston's movement. The control handle has a moving section (39) and an inner duct (14) which connects the flexible line to the hydraulic cylinder through two tubes (14.1,14.2) with valves (12,13) controlled by the moving section.

IPC 1-7

A62B 3/00; B25F 5/00

IPC 8 full level

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CPC (source: EP)

B25F 5/005 (2013.01); **F15B 15/1476** (2013.01)

Cited by

CN111322035A; EP3134223A4; US10010066B2; WO2006016162A1

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EP 0687481 A1 19951220; **EP 0687481 B1 20000322**; DE 69515727 D1 20000427; DE 69515727 T2 20000907; ES 2144594 T3 20000616; FR 2721359 A1 19951222; FR 2721359 B1 19960913

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