

Title (en)

Hydraulic control, in particular for controlling the turning mechanism of an excavator

Title (de)

Hydraulische Steuerung, insbesondere zum Ansteuern des Drehwerks eines Baggers

Title (fr)

Commande hydraulique, notamment pour commander le mécanisme rotatif d'une excavatrice

Publication

**EP 1225281 B1 20080116 (DE)**

Application

**EP 01128050 A 20011126**

Priority

- DE 10102986 A 20010123
- DE 10110935 A 20010307

Abstract (en)

[origin: EP1225281A1] The hydraulic control system (1), especially for the rotary drive at an excavator, has two control valves (71,72) in the auxiliary control lines (75,76) which branch from the control lines (33,34), and are connected to an auxiliary pressure supply. Their control inputs are linked to the control lines through control branch lines (83,84). They are operated by the control pressure in the control lines on one side and, on the other side, by a piston position transmitter (78). On the operation of the manual control (53) from the active to a neutral setting, the setting pressure chamber (11,12) is given an auxiliary pressure to move the setting piston (7) which had been pushed into the active setting.

IPC 8 full level

**E02F 9/12** (2006.01); **E02F 9/22** (2006.01); **F15B 11/05** (2006.01)

CPC (source: EP)

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