

Title (en)

A POSITION INDICATOR FOR A HYDRAULIC TYPE SETTING MOTOR.

Title (de)

EIN POSITIONSANZEIGER FÜR EINEN HYDRAULISCHEN STELLMOTOR.

Title (fr)

INDICATEUR DE POSITION POUR MOTEUR HYDRAULIQUE DE REGLAGE DE POSITION.

Publication

EP 0605425 B1 19950809 (EN)

Application

EP 92910183 A 19920427

Priority

- DK 78291 A 19910429
- DK 9200133 W 19920427

Abstract (en)

[origin: WO9219871A1] For remote indication of the position of the movable member (7) of a double-acting, fluid-pressurized hydraulic setting motor (6) communicating with two control conduits (A2, B2) for the supply and removal of pressure fluid to actuate the movable element (7) for movement in an opening direction or in a closing direction, use is made of a volumeter (3) having a capacity corresponding to the stroke volume of the setting motor (6). The two control conduits (A2, B2) may be connected through a multi-way valve (2) with a pressure line (P) and a tank line (T) or, in a neutral state both of them may be connected with the tank line (T). The volumeter (3) is coupled to the multi-way valve (2) in such a manner that in both operating positions it is connected into the control line connected with the tank line (T), whereas it is barred in the neutral condition. The two control conduits are connected with the setting motor over pilot controlled non-return valve arrangements (4) each of which in the neutral state prevents pressure fluid from passing from the setting motor to the control conduits, whereas in the operating position return of pressure fluid to tank is being opened only after a sufficient working pressure has been established in the pressurized control conduit.

IPC 1-7

F15B 15/00; **F15B 15/28**

IPC 8 full level

F15B 11/08 (2006.01); **F15B 15/28** (2006.01)

CPC (source: EP)

F15B 15/2838 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)

WO 9219871 A1 19921112; AT E126326 T1 19950815; DE 69204072 D1 19950914; DK 78291 D0 19910429; EP 0605425 A1 19940713; EP 0605425 B1 19950809; FI 934776 A0 19931028; FI 934776 A 19931028; JP H06507467 A 19940825; NO 933698 D0 19931014; NO 933698 L 19931014

DOCDB simple family (application)

DK 9200133 W 19920427; AT 92910183 T 19920427; DE 69204072 T 19920427; DK 78291 A 19910429; EP 92910183 A 19920427; FI 934776 A 19931028; JP 50914992 A 19920427; NO 933698 A 19931014