

Title (en)

HYDRAULIC CYLINDER ARRANGEMENT PROVIDED WITH A POSITION SENSOR FOR DETECTING A PISTON POSITION

Title (de)

DRUCKMITTELZYLINDERANORDNUNG MIT POSITIONSENSOREN FÜR DIE POSITIONSERFASSUNG DER KOLBENSTELLUNG

Title (fr)

DISPOSITIF A CYLINDRE PNEUMATIQUE A DETECTEURS DE POSITION POUR LA DETERMINATION DE LA POSITION DU PISTON

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Application

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Abstract (en)

[origin: WO2005054687A1] The invention relates to a hydraulic cylinder arrangement provided with a positional sensor for detecting a piston position comprising at least one analog positional sensor (1) and at least one hydraulic cylinder (4) containing a piston (8) which is axially guided and to which a piston rod (6) is axially connected in such a way that it hermetically penetrates through the cylinder casing cover (5) and projects therefrom and at least one electric valve which is connected to at least one programming device (3) by means of at least one signal line (9), wherein said positional sensor (1) determines the stop position of the piston (8) and transmits said position through the signal line (9) to the programming unit (3) which records the actual stop position of the piston (8) in the non-volatile memory (12) of the positional sensor (1).

IPC 8 full level

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