

Title (en)

DEVICE FOR INCREASING THE PRESSURE IN CYLINDERS USING A CONTROL DEVICE

Title (de)

VORRICHTUNG ZUR DRUCKERHÖHUNG IN ZYLINDERN MIT SCHALTEINRICHTUNG

Title (fr)

DISPOSITIF DESTINE A AUGMENTER LA PRESSION DANS DES CYLINDRES, AVEC EQUIPEMENT DE COMMUTATION

Publication

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Application

EP 08773265 A 20080617

Priority

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Abstract (en)

[origin: WO2009152786A1] In order to increase the pressure of the pressure fluid in cylinders, particularly the hydraulic longwall working in underground mining and tunneling, a control device (21) is used, which is provided with appropriately controllable, unlockable check valves (29, 30) and also (25), and a lockable check valve (31). These check valves and the associated directional control valves create the possibility to fill not only the proper cylinder chamber (20), but also the piston rod space (26) enabling rewashing with pressure fluid in a targeted manner, or to appropriately reduce the pressurization, without the risk of mutual impact or seizing or other damage occurring.

IPC 8 full level

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