

Title (en)
Control device for hydraulic drive winch

Title (de)
Steuervorrichtung für einen hydraulischen Windenantrieb

Title (fr)
Dispositif de commande pour un treuil hydraulique

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Application
EP 01302982 A 20010329

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Abstract (en)
A winding-down side pilot port (5b) of a control valve (5) is of a 2-port construction comprising a normal winding-down side port (5b1) having a large pressure receiving area and a free fall side port (5b2) having a small pressure receiving area, wherein in the free fall operation carried out by setting a motor (2) to a small capacity, a pilot pressure of a winding-down side remote control valve (8) is supplied to the free fall side port through a mode switching valve (22). Thereby, a stroke of the control valve (5) can be suppressed so that a speed of a motor (2) does not exceed an allowable speed. Additionally a load holding hydraulic system is disclosed with a hydraulic motor (101) and bidirectional pump (104) in closed circuit.
<IMAGE>

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CPC (source: EP)
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