Title (en)

ARRANGEMENT AND METHOD FOR CONTROLLING BOOM ACTUATING CYLINDERS IN ROCK DRILLING EQUIPMENT

Title (de)

ANORDNUNG UND VERFAHREN ZUM STEUERN DER STELLZYLINDER EINES AUSLEGERS IN EINER GESTEINSBOHRAUSRÜSTUNG

Title (fr)

SYSTEME ET PROCEDE DE COMMANDE DES VERINS DE COMMANDE D'UNE FLECHE DANS UN MATERIEL DE FORAGE DE LA ROCHE

Publication

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Application

EP 95909798 A 19950224

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Abstract (en)

[origin: WO9523276A1] The invention relates to an arrangement and a method for controlling a boom in a rock drilling equipment, the boom (1) comprising several actuating devices (18a to 18d) connected in parallel to supply and return lines (16, 17) for hydraulic fluid in such a way that a selector valve (19a to 19d) is provided for each actuating device (18a to 18d) between the actuating device and the lines (16, 17); and a proportional valve (13) connected to the hydraulic lines (16, 17) for regulating the flow of hydraulic fluid. The invention further comprises a control unit (12) where separate set values are preset for each actuating device (18a to 18d) so that the speed of movement of each actuating device is proportional to the range of movement of the respective control member (11a to 11d).

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