

Title (en)
METHOD FOR DETERMINING DEAD ZONE OF VALVE

Title (de)
VERFAHREN ZUR BESTIMMUNG DER TOTZONE EINES VENTILS

Title (fr)
PROCÉDÉ DE DÉTERMINATION DE ZONE MORTE DE SOUPAPE

Publication
EP 2310611 A1 20110420 (EN)

Application
EP 09745883 A 20090511

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Abstract (en)
[origin: WO2009138558A1] The invention relates to a method for determining the dead zone of a proportional control valve (8) used for controlling an actuator of a rock drilling device, the method comprising controlling the control valve (8) with an electric P controller (12) and measuring the position of the actuator in a coordinate system representing its movement with a separate position detector. The dead zone is determined by means of a product of the P controller of the control valve (8) and the difference value.

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