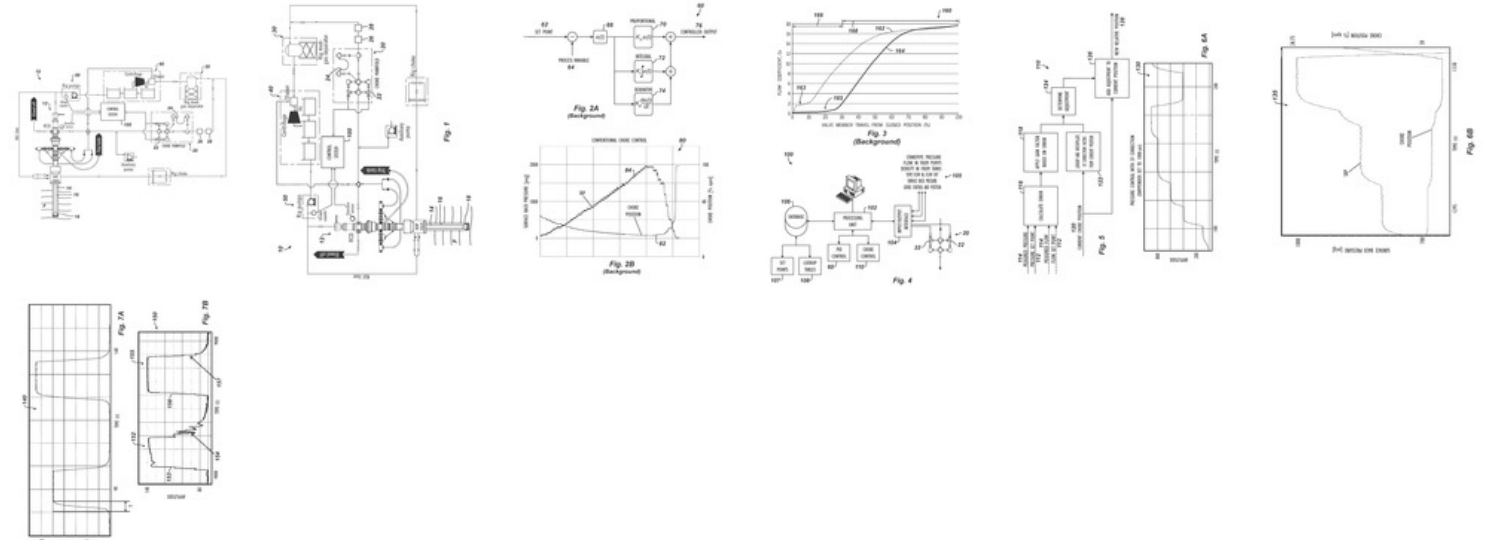


3 results for Citing Patents In category X or Y - Collection: FAMPAT

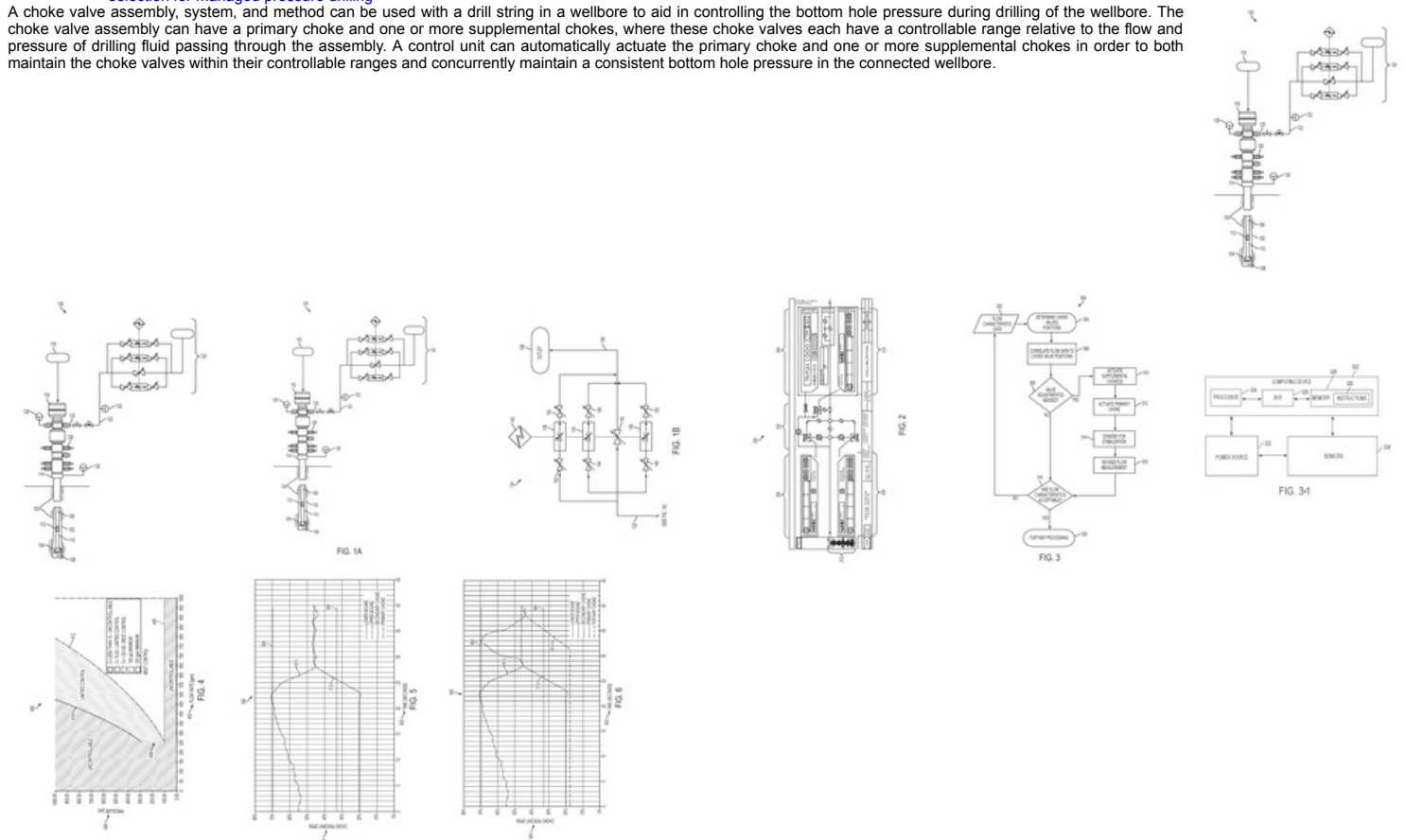
#	 Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.	Choke control tuned by flow coefficient for controlled pressure drilling	CA2963668	2015-10-06	WEATHERFORD TECHNOLOGY HOLDINGS*	2016-04-14	2016-04-14

A computerized control is used in controlling a choke when drilling a wellbore with a drilling system. The computerized control obtains a measured value of a parameter in the drilling system and controls the parameter in the drilling system using the choke. The computerized control obtains indications of an error between a set point of the parameter and the measured value of the parameter in the drilling system, a flow coefficient character of the choke, and a current position of the choke. Based on these indications, the computerized control then determines a position adjustment for the choke and adjusting the parameter in the drilling system by applying the position adjustment to the choke.



2.	Automatic choke optimization and selection for managed pressure drilling	WO2016093859	2014-12-12	HALLIBURTON ENERGY SERVICES*	2016-06-16	2016-06-16
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A choke valve assembly, system, and method can be used with a drill string in a wellbore to aid in controlling the bottom hole pressure during drilling of the wellbore. The choke valve assembly can have a primary choke and one or more supplemental chokes, where these choke valves each have a controllable range relative to the flow and pressure of drilling fluid passing through the assembly. A control unit can automatically actuate the primary choke and one or more supplemental chokes in order to both maintain the choke valves within their controllable ranges and concurrently maintain a consistent bottom hole pressure in the connected wellbore.



A method of monitoring the state of a choke valve 12 in a managed pressure drilling system 1 using a valve state parameter to represent the state of the choke valve 12, the method comprising: measuring the flow rate of a material across the choke valve 12, measuring the pressure differential of the material across the choke valve 12, obtaining a valve characteristic of the choke valve 12, and calculating the valve state parameter using the flow rate, the pressure differential and the valve characteristic.

