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(54) **Fluid sample chamber with non-reactive lining**

(57) An apparatus for retaining a well-fluid sample and a method for using the same. The apparatus comprises a variable volume sample chamber having interior surfaces of a nonreactive material, such as a ceramic, the interior surfaces defining a cavity (222). The sample chamber comprises a tubular member, a piston

(226) slidably engaged in the tubular member operable in response to fluid pressure within the sample chamber, a passageway (260) defined in the sample chamber and adapted for providing fluid communication between the cavity (222) and an area exterior the sample chamber, and a valve assembly (254) operable for selectively opening and closing the passageway (260).

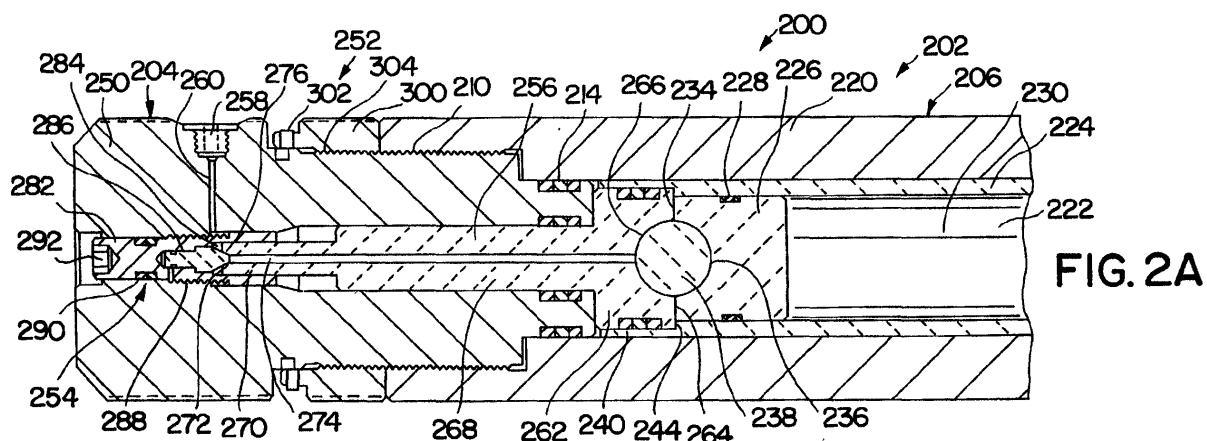
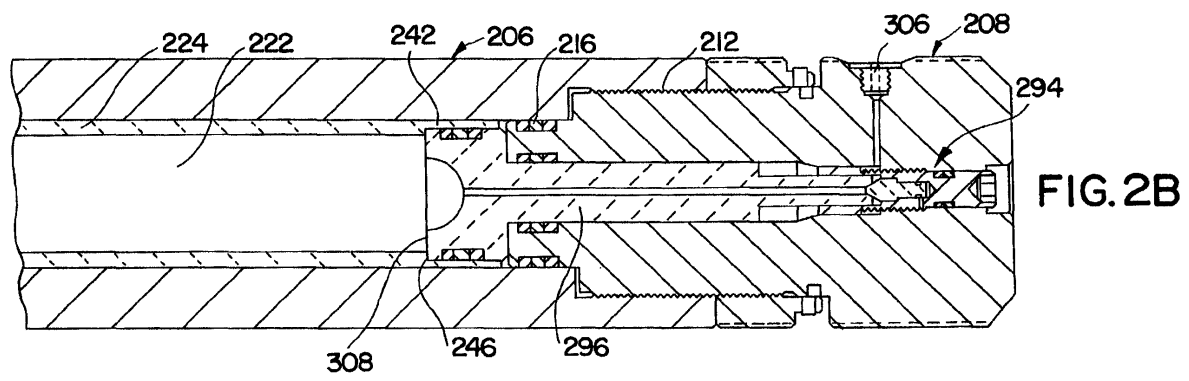


FIG. 2A





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 99 30 8659

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 96 12088 A (OILPHASE SAMPLING SERVICES LTD ;BROWN JONATHAN WEBSTER (GB); MASSI) 25 April 1996 (1996-04-25) * page 8, line 5-18; figures 1-4 * * page 9, line 10 - page 11, line 7 * ---	1-10	E21B49/08
X	US 5 609 205 A (MASSIE KEITH J ET AL) 11 March 1997 (1997-03-11) * column 7, line 16-24; claims 1,9,10; figures 1-4 * ---	1,2,4-7, 10	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E21B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 October 2000	Examiner van Berlo, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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