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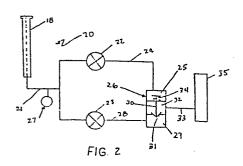
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- 54 Formation sampling apparatus.
- (5) An apparatus and method for taking fluid samples from earth formations surrounding a borehole while minimizing the erosion of the formations which occurs during such sample-taking, in which a specialized tool is brought into communication with the desired formation and the fluid pressure which exists within the formation prior to taking a sample is used to restrict the flow of fluids into the tool. This restriction is however opposed with a pre-determined biasing force in combination with the dynamic fluid pressure during the sample-taking process. These opposing forces control the rate of flow of formation fluids into the tool in a manner diminishing the erosion which occurs.





EUROPEAN SEARCH REPORT

EP 84 40 0946

		SIDERED TO BE RELE	VANT		
Category	Citation of document w of rele	ith indication, where appropriate, vant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
D,A	US-A-3 530 933 * Whole document	·		1,2,8, 9	E 21 B 49/10
A	US-A-3 104 712 * Column 4, li line 20; figures	ne 62 - column!		1-10	
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	The present search report has be	een drawn up for all claims			
Place of search Date of completion of the search			arch .	<u> </u>	P
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t : part doci A : tech	CATEGORY OF CITED DOCU icularly relevant if taken alone icularly relevant if combined wi ument of the same category inological background written disclosure	E : earlie after th another D : docu	er patent of the filing ment cite ment cite	locument, bi date d in the appl d for o ther re	ing the invention ut published on, or ication easons I family, corresponding