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**Methods for conducting tubing-conveyed perforating operations in well bores.**

In the representative mode for practicing the invention disclosed herein for accurately positioning tubing-conveyed well bore apparatus in a well bore a retrievable MWD tool (32) having a radiation detector is positioned in the lower portion of a tubing string (12) carrying a tubing-conveyed perforator (17) carrying shaped explosive charges. Once the tubing string has been lowered into a well bore, the MWD tool is operated for transmitting signals which are representative of the radioactive characteristics of either a radioactive marker at a known depth or the formations adjacent to the MWD tool. The signals are correlated for determining the location of the tubing-conveyed perforator within the well bore. The correlated data is used for adjusting the tubing string so as to accurately position the tubing-conveyed perforator at a desired depth location.

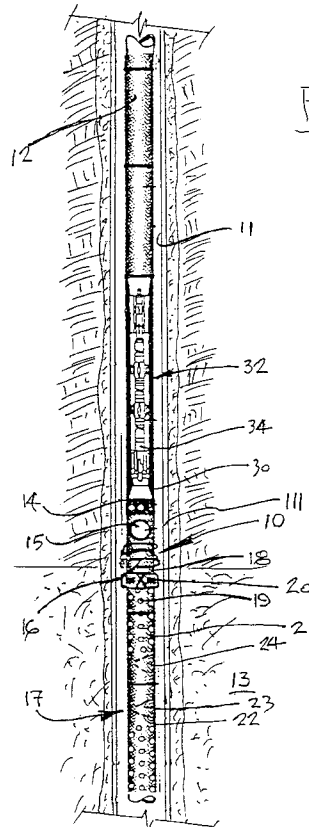


FIG. 1



European Patent  
Office

EUROPEAN SEARCH REPORT

Application Number  
EP 94 30 6792

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US-A-4 690 218 (SUMNER) * column 4, line 25 - line 54 * ---	1, 10, 14	E21B43/119
A	EP-A-0 404 669 (INSTITUT FRANÇAIS DU PÉTROLE) * column 7, line 17 - column 8, line 13 * -----	1, 10, 14	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E21B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 September 1995	Examiner Rampelmann, K
<b>CATEGORY OF CITED DOCUMENTS</b> 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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