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Method of sustaining fractures radiating from a well bore and compositions for use in the method.

There is introduced into fractures radiating from a well bore proppant grains coated with a resin composition. The grains are suspended in a gel which includes a breaker for the gel. The resin composition is covered by a protective layer which is less reactive with respect to the breaker than is the resin composition.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 93 30 2377 2

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CLS)
D,A	US-A-4 888 240 (J. W. GRAHAM) * claim 1 *	1-10	E21B43/267 E21B43/02
A	US-A-4 439 489 (C.K. JOHNSON) * column 3, line 33 - line 45 * * column 3, line 51 *	1,7,8	
A	US-A-4 694 905 (D.R. ARMBRUSTER) * column 1, line 31 - line 41 * * column 3, line 49 * * column 5, line 5 *	1,7,8	
A	US-A-4 169 818 (R.N. DEMARTINO) * column 5, line 62 - column 6, line 5 * * column 6, line 49 - line 50 *	1,4,6,10	
A	PETROLEUM ENGINEER INTERNATIONAL vol. 62, no. 10, October 1990, CLEVELAND, OHIO, US pages 30 - 36 XP000173576 H.BRANNON AND J.THOMPSON 'Optimize fracture conductivity with breaker technology' * page 36, line 2 *	4,6	TECHNICAL FIELDS SEARCHED (Int.Cl.5) E21B
A	US-A-3 237 693 (J.L. HUITT) * column 2, line 43 - line 70 *	1-3,10	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 December 1993	Examiner Hilgenga, K
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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