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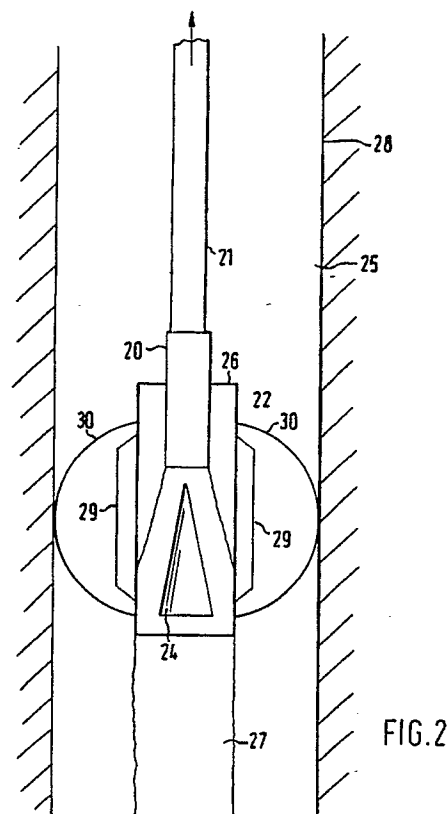
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54 Method and apparatus for placing a cement lining in a borehole.

57 A cement lining is placed in a borehole using a cementing apparatus including a centralized stinger (6) which is suspended from a cement injection tubing (5). In use a cement slurry is introduced into the annular space (3) surrounding the tubing and stinger and after subsequently filling the interior of the tubing and stinger with mud the apparatus is pulled thereby leaving in the borehole a cement plug with an open or soft core. The centralization of the stinger ensures that after hardening of the cement a cement layer of a constant thickness is created alongside the borehole wall (1).



EP 0 346 961 A3



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EUROPEAN SEARCH REPORT

Application Number

EP 89 20 1346

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.5)
A	US-A-2 387 002 (BANNISTER) * Figures; page 2, left-hand column, lines 7-35 * - - -	1	E 21 B 33/138 E 21 B 17/10
A	US-A-4 519 452 (TSAO) * Abstract; figures * - - -	1,9	
A	US-A-3 976 139 (WILDER) * Abstract; figures * - - -	1,9	
A	US-A-3 526 280 (AULICK) * Abstract; figures * - - -	1,9	
A	GB-A-2 134 947 (TEXAS IRON WORKS) * Abstract; figures * - - -	11	
A,D	US-A-3 774 683 (SMITH) - - - - -		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5) E 21 B
Place of search The Hague		Date of completion of search 26 February 91	Examiner WEIAND T.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>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</div> <div>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</div>			