



[12] Patent

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[21] Application No.: GCC/P/2000/774 [22] Filing Date: 26/07/2000 [30] Priority: [31] Priority No. [32] Priority date [33] State 9909847 29/07/1999 FR [72] Inventors: 1- Garnier Andre, 2- Drochon Bruno [73] Owner: Sofitech N.V. 140, Rue De Stalle B- 1180 Uccle – Bruxelles, Belgium [74] Agent: Suleiman Ibrahim Al Ammar	[51] Int. Cl. ⁷ : E21B 33/10, 43/30, 33/13; C04B 28/02, 28/08, 201:20 // (C04B 28/02, 7:02, 22:14, 38:08) [56] Cited Documents: - WO0029351 A (SOFITECH NV) 25 May 2000 - US 3804058A (MESSENGER J.) 16 April 1974 - US 5571318 A (GRIFFITH JAMES E et al.) 15 November 1996 - GB 2027687 A (STANDARD OIL CO.) 27 February 1980 - EP 0814067 A (SOFITECH NV) 29 December 1997

[54] A LOW-DENSITY AND LOW-POROSITY CEMENTING SLURRY FOR OIL WELLS OR THE LIKE

[57] Abstract: The invention relates to a cement slurry for cementing an oil well or the like, the slurry having a density lying in the range 0.9 g/cm³ to 1.3 g/cm³ and being constituted by a solid fraction and a liquid fraction, having porosity (volume ratio of liquid fraction over solid fraction) lying in the range 38% to 50%. Such cements have remarkable mechanical properties due to their very low porosity in spite of having very low density.

No. of claims: 8