[19] PATENT OFFICE OF THE COOPERATION COUNCIL FOR THE ARAB STATES OF THE GULF

[19] مكتب براءات الاختراع لمجلس التعاون لدول الخليج العربية

[12] Patent

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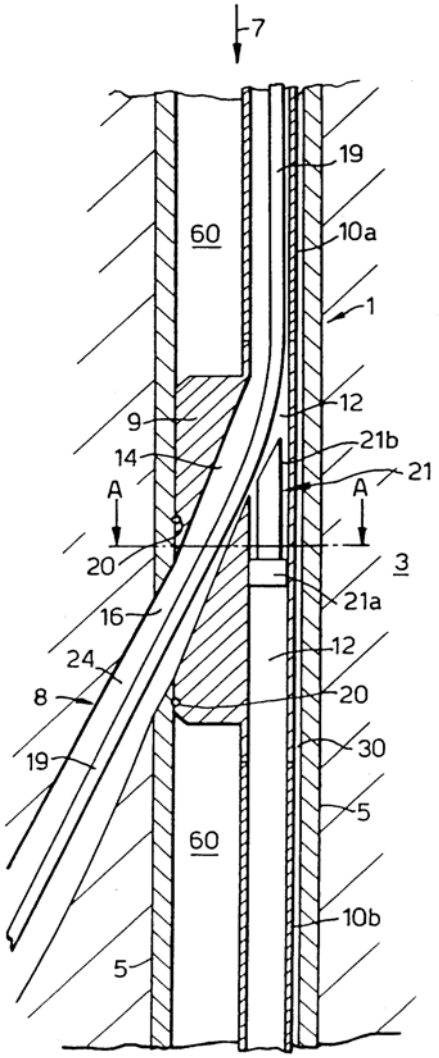
[21] Application No.: GCC/P/2000/792 [22] Filing Date: 07/08/2000 [30] Priority: [31] Priority No. [32] Priority date [33] State 99306278-5 09/08/1999 EP [72] Inventor: 1-Wilhelmus Hubertus Paulus Maria Heijnen, 2- Stephen Richard Braithwaite, 3- Robert Nicholas Worrall [73] Owner: Shell International Research Maatschappij B.V Carel Van Bylandtlaan 30, 2596 Hr, The Hague, The Netherlands [74] Agent: Suleiman Ibrahim Al Ammar	[51] Int.Cl.[7]: E21B 33/10, 43/30 [56] Cited Documents: - EP 0 786 578 A (SCHLUMBERGER SERVICES PETROL; ANADRILL INT SA (PA)) 30 July 1997 - US 5 875 847 A (FORSYTH DAVID G) 02 March 1999 - US 5 680 901 A (GARDES ROBERT) 28 October 1997 - US 5 462 120 A (GONDOUIN MICHEL) 31 October 1995 - GB 2320735 A (BAKER HUGHES INC) 01 July 1998

[54] MULTILATERAL WELLBORE SYSTEM

[57] Abstract: A wellbore system is provided comprising a main wellbore extending into an earth formation, a branch wellbore extending from a selected location of the main wellbore into the earth formation and a casing arranged in the main wellbore. A branching device is arranged in the casing and connected to a conduit extending through the casing to a wellbore facility at surface, the branching device having a main bore in fluid communication with the wellbore facility via the conduit, and a branch bore providing fluid communication between the main bore and the branch wellbore via a window opening provided in the casing. A seal is provided between said body and the inner surface of the casing so as to prevent fluid communication between the window opening and the interior of the casing.

No. of claims: 11 No. of figures: 4



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