



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 30 7400

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.7)
X	US 5 584 352 A (BEAVERS ROGER L) 17 December 1996 (1996-12-17) * column 9, line 58 - column 10, line 30 * * figure 9 *	1-4	E21B21/10
Y	---	5	
D,Y	WO 96 04458 A (STEWART ARTHUR DEACEY ;CRAIG MARK WILLIAM (GB)) 15 February 1996 (1996-02-15) * page 3, line 27 - line 29 *	5	
A	US 3 334 697 A (TENNECO INC.) 8 August 1967 (1967-08-08) * figure 4 *	1	
A	EP 0 322 170 A (GAS RES INST) 28 June 1989 (1989-06-28) * column 7, line 34 - line 37 * * figure 6 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E21B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 March 2001	Examiner Garrido Garcia, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 03/82 (P04001)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 30 7400

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-03-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5584352 A	17-12-1996	US 5407020 A	18-04-1995
WO 9604458 A	15-02-1996	AT 190118 T	15-03-2000
		AU 701725 B	04-02-1999
		AU 3182295 A	04-03-1996
		DE 69515313 D	06-04-2000
		EP 0774040 A	21-05-1997
		NO 970434 A	19-03-1997
		US 5911285 A	15-06-1999
US 3334697 A	08-08-1967	NONE	
EP 0322170 A	28-06-1989	US 4834193 A	30-05-1989
		AT 92582 T	15-08-1993
		AU 2690488 A	22-06-1989
		CA 1308093 A	29-09-1992
		DE 3882953 A	09-09-1993
		DE 3882953 T	10-03-1994

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82