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EUROPEAN PATENT APPLICATION

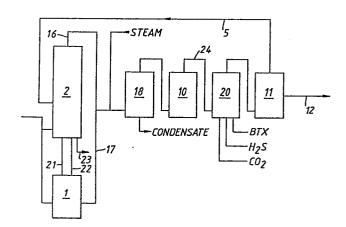
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- Applicant: British Gas Corporation, Rivermill House 152 Grosvenor Road, London SW1V 3JL (GB)
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- Inventor: Timmins, Cyril, 11 Whitehouse Close, Sollhull West Midlands, B91 1SL (GB) Inventor: Shah, Kenneth, 58 Buckingham Road, Edgware Middlesex (GB)
- 54 Thermal hydrogenation of hydrocarbon liquids.
- Methane-containing gases suitable for use as SNG are produced by the non-catalytic thermal hydrogenation (2) of hydrocarbon oils using a hydrogenating gas produced by the partial oxidation (1) of a hydrocarbon followed by shift conversion (18) of the crude partial oxidation gasification product in admixture with steam and the crude product (16) from the thermal hydrogenator. The crude shift conversion product is subjected to compression (10), purification (20) and separation (11) into at least two streams. A first stream containing hydrogen (5) is employed as the hydrogenating gas and the second stream (12) is the methane-containing product gas.





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EUROPEAN SEARCH REPORT

0138463 Application number

EP 84 30 6573

	DOCUMENTS CONS Citation of document w	CLASSIFICATION OF THE			
Category		vant passages		Relevant to claim	APPLICATION (Int. Cl.4)
Y,D	GB-A-2 062 000 * Claims 7,9; f	(BRITISH GAS) Figure 1 *		1-3	C 10 G 47/22 C 10 G 47/30 C 10 G 69/00
Y	GB-A-1 222 186 * Claims 1-18;		·	1-3	
A	US-A-3 732 085 * Claims 1-12;			1-3	
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					TECHNICAL FIELDS SEARCHED (Int. CI.4)
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