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(54) **Process for hydroconversion of sulphur containing heavy hydrocarbons with synthesis gas.**

(57) In a process for the hydroconversion of sulphur-containing heavy hydrocarbons in which the hydrocarbons and a gas containing carbon monoxide and steam are converted in a reactor at elevated temperature and pressure, improved results are obtained using a gas comprising at least 3% by volume of hydrogen sulphide, based on water free gas.

EP 0 159 867 A3



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EUROPEAN SEARCH REPORT

01 59867
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EP 85 30 2550

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. 4)
D,Y	GB-A-2 072 697 (MINISTER OF ENERGY, MINES AND RESOURCES, CANADA) * Claims 1-13,15-20; page 2, lines 34-36 *	1-11	C 10 G 49/18 C 10 G 49/00
D,Y	DE-C- 713 792 (DEUTSCHE GOLD-UND SILBER-SCHNEIDANSTALT) * Claims *	1-11	
D,A	US-A-2 054 776 (PIER et al.) * Claim 1; page 3, left-hand column, lines 59-68 *		
D,A	FR-A-2 371 504 (SHELL) * Claims *		TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
D,A	DE-A-3 212 389 (DEUTSCHE BP) * Claims 1-10 *	9-11	C 10 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27-09-1985	Examiner MICHIELS P.
CATEGORY OF CITED DOCUMENTS 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 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			