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(54) Process for producing lubricating base oils

(57) Process for the preparation of lubricating base oils having a VI of at least 150 from a Fischer-Tropsch wax feed, which process comprises the steps of:

- (a) contacting the Fischer-Tropsch wax feed with a hydroconversion catalyst under hydroconversion conditions,
- (b) separating the hydroconverted effluent obtained in step (a) into at least one lighter fraction and a heavy fraction, and
- (c) dewaxing the heavy fraction to yield the base oil,

wherein the Fischer-Tropsch wax feed has a congealing point of at least 50 °C and has such boiling range that the difference between the 90 %wt boiling point and the 10 %wt boiling point ($T_{90}-T_{10}$) is in the range of from 40 to 150 °C.

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EUROPEAN SEARCH REPORT

Application Number
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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.6)
D,A	EP 0 515 256 A (INST FRANCAIS DU PETROL) * the whole document *	1-10	C10G65/04
D,A	US 4 943 672 A (HAMNER DECEASED GLEN P ET AL) * the whole document *	1-10	
D,A	US 5 059 299 A (CODY IAN A ET AL) * the whole document *	1-10	
A	EP 0 668 342 A (SHELL INT RESEARCH) * the whole document *	1-10	
A	EP 0 464 547 A (MOBIL OIL CORP) * the whole document *	1-10	
A	EP 0 574 191 A (MOBIL OIL CORP) * the whole document *	1-10	
A	EP 0 471 524 A (EXXON RESEARCH ENGINEERING CO) * the whole document *	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C10G
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		19 January 1998	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			

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