



[12] Patent

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[21] Application No.: GCC/P/2001/1466 [22] Filing Date: 30/06/2001 [30] Priority: [31] Priority No. [32] Priority date [33] State 003056132 03/07/2000 EP [72] Inventors: 1- Jelle Sipke Bouma, 2-Eric Johannes Puik [73] Owner: Shell Internationale Research Maatschappij B. V., Carel van Bylandtlaan 30, 2596 HR The Hague, The Netherlands [74] Agent: Suleiman Ibrahim Al-Ammar	[51] Int. Cl. ⁷ : C07C 1/04; C10G 2/00; B01J 23/889 [56] Cited Documents: - US 5 958 985 A (GEERLINGS et al.) 28 September 1999 - WO 99 34917 A (SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ) 15 July 1999

[54] CATALYST AND PROCESS FOR THE PREPARATION OF HYDROCARBONS

[57] Abstract: The invention provides a process for the production of mainly C5+ hydrocarbons comprising contacting carbon monoxide and hydrogen at a temperature in the range of from 180 to 270 °C and elevated pressure in the presence of a catalyst composition comprising cobalt, manganese and at least one of rhenium and/or ruthenium on a titania carrier a catalyst composition comprising cobalt, manganese and rhenium on a titania carrier.

No. of claims: 10