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[21] Application No.: GCC/P/2002/1802 [22] Filing Date: 08/01/2002 [30] Priority: [31] Priority No. [32] Priority date [33] State 10100485.0 08/01/2001 DE [72] Inventors: 1- Dominic Vanoppen, 2- Ekkehard Schwab, 3- Jean-Marie Basset, 4- Jean Thivolle-Cazat, 5- Mostapha Taoufik, 6- Michael Schulz, 7- Arthur Höhn [73] Owner: BASF Aktiengesellschaft, 67056 Ludwigshafen, Germany [74] Agent: Nassir Ali Kadasa	[51] Int. Cl. ⁷ : C07C 6/08 [56] Cited Documents: - WO 9802244 A (CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE) 22 January 1998 - US 5414184 A (WU AN-HSIANG et al.) 09 May 1995 - GB 858649 A (CONTINENTAL OIL CO) 11 January 1961

[54] PREPARATION OF HYDROCARBONS HAVING AN ALTERED CARBON SKELETON

[57] Abstract: In a process for preparing hydrocarbons having an altered carbon skeleton by reacting aliphatic hydrocarbons a) with themselves, b) with another aliphatic hydrocarbon or c) with aromatic alkyl-substituted hydrocarbons, at from 20 to 400°C and a pressure of from 0.2 to 100 bar in the presence of an organometallic catalyst or hydride thereof, the reaction is carried out in the presence of hydrogen.

No. of claims: 4