



[12] Patent

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[21] Application No.: GCC/P/1999/469 [22] Filing Date: 28/12/1999 [30] Priority: [31] Priority No. [32] Priority date [33] State 09/222,080 29/12/1998 US [72] Inventors: 1- E. Kellum, 2- Pamela L. Maeger [73] Owner: Chevron Chemical Company LLC, 555 Market Street San Francisco, California 94105, USA [74] Agent: Saud M. A. Shawwaf	[51] Int. Cl. ⁷ : C08F 10/02, 04/02, 04/69 [56] Cited Documents: - DE 2052573 A (UNION CARBIDE CORP.) 06 May 1971 - US 4212765 A (GUTWEILER) 15 July 1980 - US 4339559 A (MC DANIEL) 13 July 1982 - EP 0003321 A1 (HOECHST AKTIENGESELLSCHAFT) 08 August 1979 - US 4184028 A (REKERS et al.) 15 January 1980

[54] IMPROVED CHROMATE ESTER CATALYST AND METHOD OF USING SAME TO PRODUCE HIGH PERFORMANCE POLYETHYLENE PRODUCTS

[57] Abstract: An improved chromate catalyst on a highly porous silica support having high surface area and total pore volume, a method of using same to produce high performance polyethylene products, and the high performance polyethylene products, such as polyethylene pipe, produced thereby.

No. of claims: 35