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(74) Agent: YU SARN AUDREY & PARTNERS; 17 Upper Circular Road, #03-00 Jura Building, Singapore 058415 (SG).

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(71) Applicant (for all designated States except US):
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 1 Fusionopolis Way, #20-10, Connexis, Singapore 138632 (SG).

(72) Inventors; and

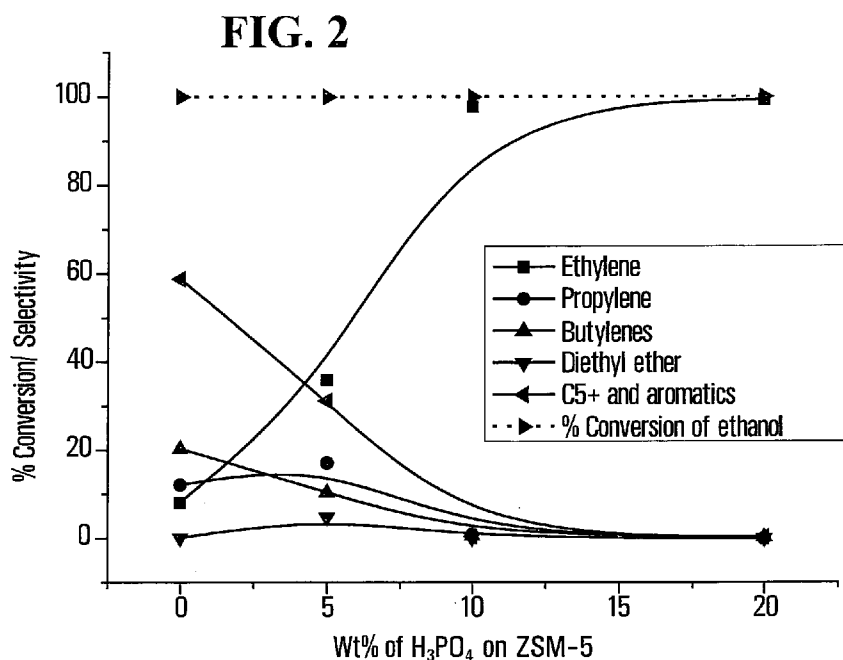
(75) Inventors/Applicants (for US only): **RAMESH, Kana-parthi** [IN/SG]; Institute of Chemical and Engineering Sciences, 1 Pesek Road, Jurong Island, Singapore 627833 (SG). **BORGNA, Armando** [IT/SG]; Institute of Chemical and Engineering Sciences, 1 Pesek Road, Jurong Island, Singapore 627833 (SG).

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[Continued on next page]

(54) Title: MODIFIED CATALYST COMPOSITION FOR CONVERSION OF ALCOHOL TO ALKENE



(57) Abstract: A catalyst composition for dehydration of an alcohol to prepare an alkene is provided. The catalyst composition comprises a catalyst and a modifying agent which is phosphoric acid, sulfuric acid or tungsten trioxide, or a derivative thereof. A process for preparing an alkene by dehydration of an alcohol is also provided. The process comprises mixing one or more alcohols and optionally water and the catalyst composition.

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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