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(71) Applicant: **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis North, Singapore 138632 (SG).

(72) Inventors: **CHEN, Luwei**; c/o Institute of Chemical Engineering and Sciences, 1, Pesek Road, Jurong Island, Singapore 627833 (SG).

pore 627833 (SG). **POH, Chee Kok**; c/o Institute of Chemical Engineering and Sciences, 1, Pesek Road, Jurong Island, Singapore 627833 (SG). **CHANG, Jie**; c/o Institute of Chemical Engineering and Sciences, 1, Pesek Road, Jurong Island, Singapore 627833 (SG). **KWOK, Mingyao Kelvin**; c/o Institute of Chemical Engineering and Sciences, 1, Pesek Road, Jurong Island, Singapore 627833 (SG). **LIM, Pin**; c/o Institute of Chemical Engineering and Sciences, 1, Pesek Road, Jurong Island, Singapore 627833 (SG). **BORNA, Armando**; c/o Institute of Chemical Engineering and Sciences, 1, Pesek Road, Jurong Island, Singapore 627833 (SG).

(74) Agent: **SPRUSON & FERGUSON (ASIA) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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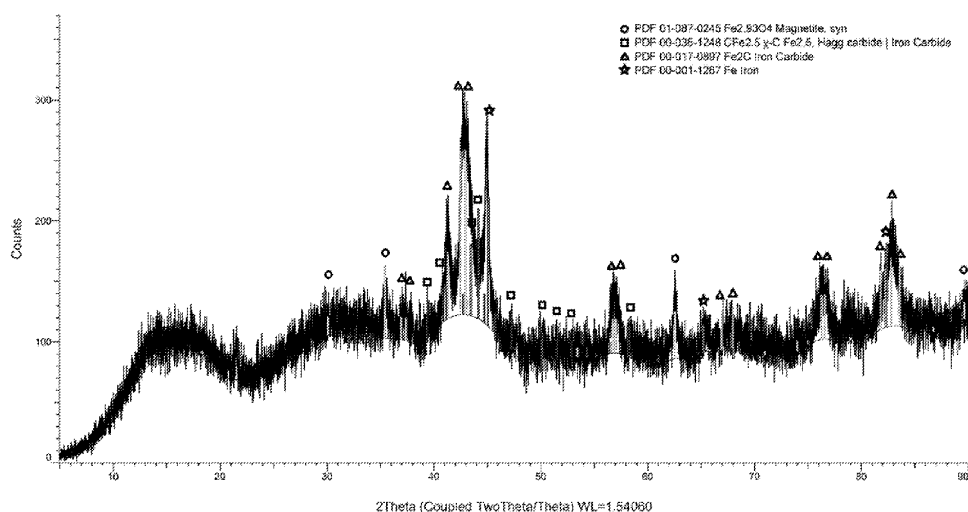


FIG. 3

(57) Abstract: There is provided a method of forming a catalyst precursor, including the steps of: (a) forming a precipitate from a slurry, wherein the slurry comprises (i) a mixture of an iron precursor, at least one promotor precursor and a solvent and (ii) a solution of an alkali base; and (b) calcining the precipitate to form the catalyst precursor. There is also provided a catalyst precursor; a method of forming a catalyst; and a catalyst.

[Continued on next page]

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