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(71) Applicant: **ULTRACLEAN FUEL PTY LTD** [AU/AU];
Level 4, 66 Hunter Street, Sydney NSW 2000 (AU).

(72) Inventors; and

(71) Applicants: **GARGANO, Grant Charles** [AU/AU];
10 Skiff Place, St. Huberts Island NSW 2257 (AU).
HALPERN, Marc Edward [US/US]; 15 Rachel Lauren
Way, Williamstown, NJ 08094 (US). **MANIBO, Raymond**
[PH/AU]; 694 Pacific Highway, Narara NSW 2250 (AU).

(74) Agent: **OAKESON, Gary P.**; Thorpe North & Western,
8180 South 700 East, Suite 350, Sandy, UT 84070 (US).

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(54) Title: CATALYST SYSTEM AND USES

(57) Abstract: A method of preparing a catalyst system can include combining one or more phase transfer catalysts (PTC), one or more metal oxides, one or more oxidants and one or more inorganic acids. The method does not include combining the oxidant and the metal oxide to form a mixture including the oxidant and the metal oxide unless the PTC and/or the inorganic acid are also present in the mixture.

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