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(US). MEIMA, Garnt, R. [NL/NL]; Ferlemanstraat 75,
NL-4535 JB Terneuzen (NL).

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(74) Agent: RUHR, Paula, Sanders; Intellectual Property,
P.O. Box 1967, Midland, MI 48641-1967 (US).

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(71) Applicant (for all designated States except US): **THE
DOW CHEMICAL COMPANY** [US/US]; 2030 Dow
Center, Midland, MI 48674 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PARKER, Debo-
rah, H.** [US/US]; 631 Sheridan Road, Racine, WI 53403
(US). **BOWMAN, Robert, G.** [US/US]; 1307 Kirkland
Drive, Midland, MI 48640 (US). **CLARK, Howard, W.**
[US/US]; 4318 Forestview Drive, Midland, MI 48642
(US). **HARTWELL, George, E.** [US/US]; 2908 George-
town Drive, Midland, MI 48642 (US). **KUPERMAN,
Alex** [CA/US]; 231 Courtney Lane, Orinda, CA 94563

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ACTION

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(54) Title: ACTIVATION AND REGENERATION OF A HYDRO-OXIDATION CATALYST

(57) Abstract: A process of activating a fresh catalyst or regenerating a deactivated catalyst which is used in a hydro-oxidation process, preferably, the hydro-oxidation of an olefin in the presence of oxygen and hydrogen to an olefin oxide. The hydro-oxidation catalyst preferably comprises at least one metal selected from gold, silver, the platinum group metals, the lanthanide metals, and combinations thereof, incorporated onto a titanium-, vanadium-, or zirconium-containing support, more preferably, a titanium-containing support, such as titanium oxide or a titanosilicate. The activation or regeneration process involves contacting the fresh catalyst or the deactivated catalyst with ozone.