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- (71) **Applicant:** DOW TECHNOLOGY INVESTMENTS LLC [US/US]; 2020 Dow Center, Midland, MI 48674 (US).
- (72) **Inventors:** ZHANG, Liping; 306 Arrowhead Dr., Lake Jackson, TX 77566 (US). RAHA, Sasanka; E403 Heliconia, Magarpatta City, Hadapsar, Pune 411013 (IN). DEVASSY, Biju, M.; S/o. M P Devassy, Miappan House, Munnamparambu, Karukutty, Pune 683576 (IN). UP-HADE, Balu, S.; F1003, Palash, Wakad-thergaon Road, Pune 411057 (IN). BASRUR, Arun; 3, Abhishek, 804/b, Bhandarkar Road, Pune 411004 (IN). PHILIPS, Ailene, Gardner; 34 Tiffany Lane, 4801 Pennsylvania Ave., Charleston, WV 25302 (US). TUPE, Ravindra; Rapakivenkuja 5 o 97, FI-00710 Helsinki (FI).
- (74) **Agent:** HANSEN, Steven, R.; Hansen Ip Law Plc, P.o. Box 300069, Waterford, MI 48330 (US).
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(54) **Title:** METHOD OF MAINTAINING THE VALUE OF AN ALKYLENE OXIDE PRODUCTION PARAMETER IN A PROCESS OF MAKING AN ALKYLENE OXIDE USING A HIGH EFFICIENCY CATALYST

(57) **Abstract:** Methods of reducing or maintaining the value of an alkylene oxide production parameter (such as alkylene oxide production rate) in a process of making an alkylene oxide by reacting an alkylene and oxygen over a high efficiency catalyst are shown and described. One method comprises reducing the concentration of oxygen in the reactor feed gas to reduce or maintain the value of the alkylene oxide production parameter.

