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(71) Applicant: **ARCO CHEMICAL TECHNOLOGY, L.P.**
[US/US]; Two Greenville Crossing, 4001 Kennett Pike,
Suite 238, Greenville, DE 19807 (US).

(72) Inventors: **HANCU, DAN**; 19 Amity Pointe Court,
Clifton Park, NY 12065 (US). **BECKMAN, Eric, John**;
213 Tenth Street, Aspinwall, PA 15215 (US). **DANCIU,**
Tiberiu; 331 Devonshire Street, Apt. D5, Pittsburgh, PA
15213 (US).

(74) Agents: **CARROLL, Kevin, M.** et al.; Lyondell Chemical
Company, 3801 West Chester Pike, Newtown Square, PA
19073 (US).

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(54) Title: DENSE PHASE EPOXIDATION

(57) Abstract: Propylene oxide is formed by reaction of hydrogen, oxygen, and propylene over a solid catalyst such as Pd on TS-1, the reaction being carried out in carbon dioxide solvent at conditions effective to provide a dense phase reaction mixture.



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