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(71) Applicant (for all designated States except US): **LYON-DELL CHEMICAL TECHNOLOGY, L.P.** [US/US];  
Two Greenville Crossing, Suite 238, 4001 Kennett Pike,  
Greenville, DE 19807 (US).

(72) Inventors: **MORALES, Edrick**; 1625 Valley Drive,  
West Chester, Pennsylvania 19382 (US). **FU, Guoyi**;  
10201 Camelford Court, Ellicott City, Maryland 21042  
(US). **GREY, Roger, A.**; 111 Piedmont Road, West  
Chester, PA 19382 (US). **QIN, Kun**; 401 Homestead  
Lane, Chadds Ford, Pennsylvania 19317 (US).

(74) Agents: **HAN, Yuanzhang** et al.; Lyondell Chemical  
Company, 3801 West Chester Pike, Newtown Square,  
Pennsylvania 19073 (US).

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(54) Title: SPRAY-DRIED TRANSITION METAL ZEOLITE AND ITS USE

(57) Abstract: A catalyst comprising a spray-dried transition metal zeolite and a noble metal is disclosed. The spray-dried transition metal zeolite comprises a transition metal zeolite and a binder. At least 50 wt.% of the binder is titania. The catalyst is used in a process to produce an epoxide by reacting an olefin, hydrogen, and oxygen. The catalyst is easy to filter from a slurry and produces a reduced level of hydrogenation products.



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