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

(72) Inventor: **LE-KHAC, Bi**; 1210 Birmingham Road, West Chester, Pennsylvania 19382 (US).

(74) Agents: **CARROLL, Kevin, M.** et al.; LyondellBasell Industries, 3801 West Chester Pike, Newtown Square, Pennsylvania 19073 (US).

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(57) Abstract: Titanium or vanadium zeolite catalysts are prepared by reacting a titanium or vanadium compound, a silicon source, a templating agent, and a hydrophobic hydrocarbon wax at a temperature and for a time sufficient to form a molecular sieve. The catalyst is useful in olefin epoxidation with hydrogen peroxide.



WO 2009/108264 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B01J C01B C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/058709 A (LYONDELL CHEMICAL TECH LP [US]) 24 May 2007 (2007-05-24) page 3, line 19 - line 29; claims 1,4-25; examples	1-18
X	EP 1 314 475 A (POLIMERI EUROPA SPA [IT]) 28 May 2003 (2003-05-28) paragraphs [0031], [0044]; claims 1,2,11,17; examples	1-9
A	WO 2007/058710 A (LYONDELL CHEMICAL TECH LP [US]) 24 May 2007 (2007-05-24) page 3, line 13 - line 25; claims 1,4-21; examples	1-18
A	WO 2004/026852 A (ARCO CHEM TECH [US]) 1 April 2004 (2004-04-01) claims	
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☒ See patent family annex.

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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Holzwarth, Arnold

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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