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(54) **Novel microporous crystalline material comprising a molecular sieve or zeolite having an 8-ring pore opening structure and methods of making and using same**

(57) There is disclosed a silicoaluminophosphate molecular sieve that is hydrothermally stable at temperatures ranging from 700 to 900 °C, wherein said silicoaluminophosphate molecular sieve comprises SAPO-34

having an initial surface area ranging from 650 to 750 m<sup>2</sup>/g.

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**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention.  
This report shall be considered, for the purposes of subsequent proceedings, as the European search report

EP 12 00 2818

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 589 147 A (FARNOS MARIA D [US] ET AL) 31 December 1996 (1996-12-31) * column 2, lines 38-50 * * column 6, line 50 - column 7, line 3 * -----	1-14	INV. B01J29/85 B01D53/94
X	US 4 867 954 A (STANIULIS MARK T [US] ET AL) 19 September 1989 (1989-09-19) * column 2, lines 20-40 * * column 70, line 50 - column 73, line 7 * -----	1-14	
X	WO 2006/064805 A (FURUGEN MUNEKATSU [JP]) 22 June 2006 (2006-06-22) * paragraph [0043] *	1-14	
X,P	& EP 1 837 489 A (FURUGEN MUNEKATSU [JP]) 26 September 2007 (2007-09-26) * paragraph [0043] * -----	1-14	
			TECHNICAL FIELDS SEARCHED (IPC)
			B01D B01J
INCOMPLETE SEARCH			
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search: see sheet C			
Place of search		Date of completion of the search	Examiner
The Hague		5 July 2013	Schoofs, Bart
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

1  
EPO FORM 1508 03 82 (P04E07)



**INCOMPLETE SEARCH  
SHEET C**

Application Number  
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Claim(s) completely searchable:  
1-14

Claim(s) not searched:  
15-17

Reason for the limitation of the search:

The search has been restricted to the subject-matter indicated by the applicant in the letter of 16 January 2013 filed in reply to the invitation pursuant to Rule 62a(1) EPC.

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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05-07-2013

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82