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(71) Applicants (for all designated States except US): **SÜDCHEMIE AG** [DE/DE]; Lenbachplatz 6, 80333 München (DE). **STATOIL ASA** [NO/NO]; N-4035 Stavanger (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BURGFELS, Götz** [DE/DE]; Marienbader Strasse 13, 83043 Bad Aibling (DE). **WELLACH, Stephan** [DE/DE]; Ahornweg 2, 85617 Assling (DE). **SCHÖNLINER, Josef** [DE/DE]; Kohlstatt 6, 83119 Obing (DE). **SCHMIDT, Friedrich** [DE/DE]; Lug ins Land 52, 83024 Rosenheim (DE). **KURTH, Volker** [DE/DE]; Eichenstr. 14, 83043 Bad Aibling (DE). **GRANDE, Knut, Vebjorn** [NO/NO]; Rynhaugen, Lian, N-7025 Trondheim (NO). **ROSVOLL,**

Steinsland, Jorunn [NO/NO]; Markaplassen 86, N-7054 Ranheim (NO). **SKJØLSVIK, Aksel, Per** [NO/NO]; Ovre Flåtasv. 67D, N-7079 Flåtasen (NO).

(74) Agent: **STOLMAR, SCHEELE & PARTNER**; Blumenstrasse 17, 80331 München (DE).

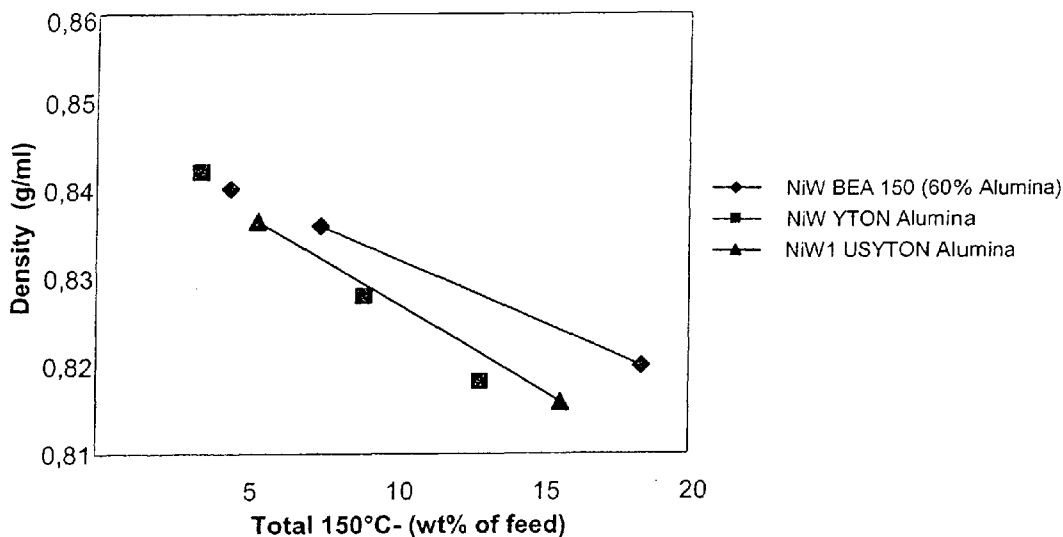
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(54) Title: A CATALYST COMPOSITION FOR HYDROCRACKING AND PROCESS OF MILD HYDROCRACKING AND RING OPENING



(57) Abstract: The present invention relates to a catalyst composition for the reaction of hydrocarbons comprising a zeolite with a faujasite structure and a fibrous zeolite which comprises essentially non-crossing one-dimensional channels. Further, the catalyst composition comprises in a preferred embodiment a metal component selected from metals of the group VIB and VIII of the periodic table of elements and their compounds. The invention relates further to a process for the synthesis of such a catalyst composition and to a process for hydrocracking hydrocarbon feedstocks by using said catalyst composition.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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B. FIELDS SEARCHED
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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)
 EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 101 177 A1 (MOBIL OIL CORP [US]) 22 February 1984 (1984-02-22) claims 1,3,4,7-9 example * page 2, line 18 - page 3, line 3 page 3, lines 10-16 page 6, lines 13-21 page 7, lines 23-30 page 8, lines 1-6,12-14	1-22, 24-29
X	US 3 830 724 A (SCHUTT H) 20 August 1974 (1974-08-20) claims 1,3-6 example V abstract column 3, lines 19-21,42-63 column 3, line 73 - column 4, line 48 ----- -/--	1-29

Further documents are listed in the continuation of Box C. See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 5 762 902 A (BENZAZZI ERIC [FR] ET AL) 9 June 1998 (1998-06-09)</p> <p>claims 1-4,8-11,13-15 abstract examples 1,4 column 2, lines 28-43 column 3, lines 19-37 column 3, line 47 - column 4, line 4 column 4, lines 18-44</p>	1-16,19, 22, 24-26,29
X	<p>US 2004/232047 A1 (BENZAZZI ERIC [FR] ET AL) 25 November 2004 (2004-11-25)</p> <p>abstract claims 1,10-15 page 8, paragraphs 122-124,128 page 8, paragraph 129 - page 9, paragraph 131 page 9, paragraph 136; table 3</p>	1-16,22, 24-26
A	<p>SZOSTAK R: "HANDBOOK OF MOLECULAR SIEVES" HANDBOOK OF MOLECULAR SIEVES, NEW YORK, VAN NOSTRAND REINHOLD, US, 1992, pages 551-553, XP002918212 ISBN: 0-442-31899-5 the whole document</p>	1-29

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