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MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
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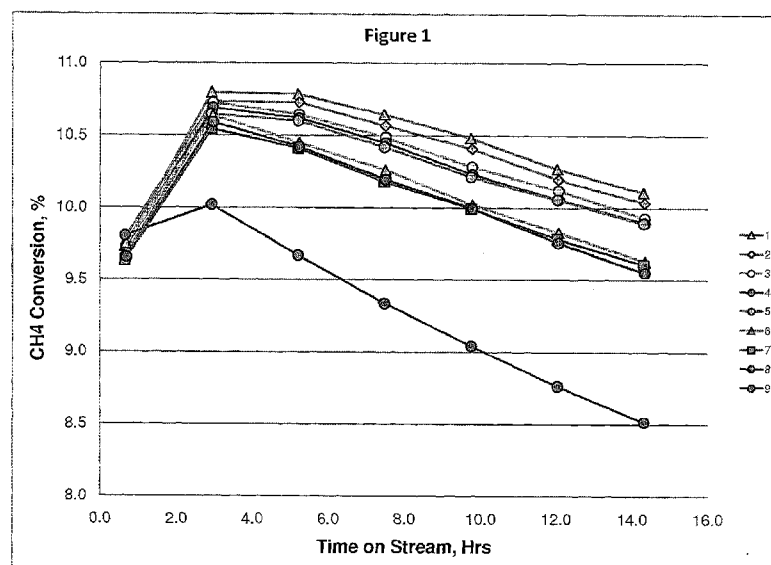
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(54) **Title:** A ZINC-CONTAINING METHANE AROMATIZATION CATALYST, METHOD OF MAKING AND METHOD OF
USING THE CATALYST



(57) **Abstract:** A catalyst for converting methane to aromatic hydrocarbons is described herein. The catalyst comprises an active metal or a compound thereof, zinc or a compound thereof and an inorganic oxide support wherein the active metal is added to the support as a metal oxalate. A method of making the catalyst and a method of using the catalyst are also described.



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According to International Patent Classification (IPC) or to both national classification and IPC

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2009/124960 A1 (BASF SE [DE]; KIESLICH FRANK [DE]; COELHO TSOU JOANA [DE]; YILMAZ BILG) 15 October 2009 (2009-10-15) claims 1,4,6,7,8,9,14,15 preparation steps A-F; examples; tables 4,6 page 4, line 1 - page 15, line 36 -----	1-31
X	WO 2009/091336 A1 (AGENCY SCIENCE TECH & RES [SG]; MITSUI CHEMICALS INC [JP]; LIU YAN [SG] 23 July 2009 (2009-07-23) catalyst C; examples 3, comparative example 3; table 1 page 17, line 1 - line 6 page 18, line 1 - line 18 claims 1,11,13,20,21,22,23 ----- -/-	1-31



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.
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X,P	& US 2011/275873 A1 (YAMAMOTO YO [JP] ET AL) 10 November 2011 (2011-11-10) paragraphs [0030], [0035] - [0040] paragraph [0043]; figures 1-4; examples claims 8-10	1-31
X,P	----- WO 2012/002269 A1 (MEIDENSHA ELECTRIC MFG CO LTD [JP]; OGAWA YUJI; MA HONGTAO) 5 January 2012 (2012-01-05) paragraphs [0034], [0035]	1-31
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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