Europäisches Patentamt
European Patent Office
Office européen des brevets

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 80 74 25

Classification of the application (IPC):
C10M 105/42, C10N 20/00, C10N 30/06, C10N 30/08, C10N 40/30

Technical fields searched (IPC):
C10M, C10N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	EP 2878652 A1 (JX NIPPON OIL & ENERGY CORP [JP]) 03 June 2015 (2015-06-03) * claims 1, 8, 9; examples 1, 2, 6, 7; tables 1-15 *	1, 2
A	WO 9811179 A1 (EXXON CHEMICAL PATENTS INC [US]) 19 March 1998 (1998-03-19) * page 5, line 25 - page 6, line 5 *	1, 2

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
Munich	12 October 2018	Kaluza, Nora

CATEGORY OF CITED DOCUMENTS

X: particularly relefant if taken alone
Y : particularly relefant if combined with another document of the same category
A: technological background
O: non-written disclosure
P: intermediate document
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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.

EP 3 305 878 A4

© 2018 org.epo.publication.KlausBaumeister xsl stylesheet v0.9.2SRnfp

Europäisches Patentamt
European Patent Office
Office européen des brevets

ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 80 74 25

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 12-10-2018
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 2878652 A1	03-06-2015	BR 112015001508 A2	04-07-2017
		CN 104508094 A	08-04-2015
		EP 2878652 A1	03-06-2015
		JP 6050360 B2	21-12-2016
		JP WO2014017596 A1	11-07-2016
		KR 20150036234 A	07-04-2015
		TW 201408765 A	01-03-2014
		US 2015184103 A1	02-07-2015
		WO 2014017596 A1	30-01-2014
WO 9811179 A1	19-03-1998	AR 011236 A1	16-08-2000
		AU 727824 B2	21-12-2000
		BR 9711765 A	24-08-1999
		CA 2265443 A1	19-03-1998
		CN 1233273 A	27-10-1999
		EP 0938536 A1	01-09-1999
		JP 2001501991 A	13-02-2001
		KR 20000036032 A	26-06-2000
		NO 991159 A	11-05-1999
		RU 2217480 C2	27-11-2003
		US 5698502 A	16-12-1997
		WO 9811179 A1	19-03-1998

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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.

© 2018 org.epo.publication.KlausBaumeister xsl stylesheet v0.9.2SRnfp