



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 87 73 89

Classification of the application (IPC):

C10M 171/02, C10M 133/16, C10M 133/56, C10N 30/02, C10N 40/25, C10N 10/04, C10N 20/02, C10N 20/04, C10N 30/00, C10N 30/10, C10N 40/00, C10N 40/04

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,D	WO 2020095968 A1 (JXTG NIPPON OIL & ENERGY CORP [JP]) 14 May 2020 (2020-05-14) * examples 25 and 26;claims 1-12 *	1-10
X,P	& EP 3878929 A1 (ENEOS CORP [JP]) 15 September 2021 (2021-09-15) * paragraphs [0007]-[0009], [0041], [0028], [0075]-[0076], [0042]-[0049], [0073]-[0074], examples 25 and 26;claims 1-12 *	1-10
A	US 2014018271 A1 (ONUMATA YASUSHI [JP] ET AL) 16 January 2014 (2014-01-16) * claims 1-4 *	1-10
A	JP 2016190953 A (JX NIPPON OIL & ENERGY CORP) 10 November 2016 (2016-11-10) * the whole document *	1-10
A	US 5763372 A (TERSIGNI SAMUEL H [US] ET AL) 09 June 1998 (1998-06-09) * tables 8, 9, examples 1-8 *	1-10

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 Munich	Date of completion of the search 06 September 2024	Examiner Kaluza, Nora
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 06-09-2024.
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