



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 85 82 52

Classification of the application (IPC):

**C10M 157/04, C10N 20/02, C10N 20/04, C10N 30/00, C10N 30/02, C10N 30/08, C10M
C10N 40/06, C10M 143/00, C10M 143/04, C10M 145/14, C10M 157/10,
C10N 20/00, C10N 40/08**

Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	US 2013029892 A1 (YAMADA RYOU [JP]) 31 January 2013 (2013-01-31) * paragraph [0011] - paragraph [0013] * * paragraph [0030] - paragraph [0038] * * claims; examples *	1-9 10
X A	US 2015218482 A1 (ITO KOKI [JP] ET AL) 06 August 2015 (2015-08-06) * paragraph [0012] - paragraph [0025] * * paragraph [0036] - paragraph [0058] * * claims; examples *	1-9 10
X	EP 0280260 A2 (IDEMITSU KOSAN CO [JP]) 31 August 1988 (1988-08-31) * page 2, line 10 - line 15 * * page 2, line 46 - page 4, line 10 * * page 5, line 2 - line 15 * * claims; examples *	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 11 July 2024	Examiner Elflein, Eleonore
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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 11-07-2024
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