



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 88 08 57

Classification of the application (IPC):
D06N 3/14, D06N 3/00

Technical fields searched (IPC):
D06N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	JP 2010248683 A (TORAY INDUSTRIES) 04 November 2010 (2010-11-04) * paragraphs [0011], [0013]; examples 1,5 *	1-14, 16
Y	JP 2005226213 A (TORAY INDUSTRIES) 25 August 2005 (2005-08-25) * paragraphs [0001], [0010]; examples 1-2 *	1, 2, 4-14, 16
Y	JP H0655999 B2 (ASAHI CHEMICAL IND) 27 July 1994 (1994-07-27) * examples 1-2 *	1-15
Y	JP 2005213303 A (NICCA CHEMICAL CO) 11 August 2005 (2005-08-11) * paragraph [0011]; examples 1-12 *	1-15
X	JP 2016069790 A (TORAY INDUSTRIES) 09 May 2016 (2016-05-09)	1-10, 15
Y	* paragraph [0001]; example 1 *	11, 12, 16
Y	JP 2004332173 A (SAKAI OVEX CO LTD) 25 November 2004 (2004-11-25) * paragraphs [0005] - [0006], [0058] - [0063]; figure 18; examples 1-3; table 1 *	1-16
Y	JP 2019183375 A (TORAY INDUSTRIES) 24 October 2019 (2019-10-24) * example 1 *	1-16

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 The Hague	Date of completion of the search 08 November 2022	Examiner Menard, Claire
------------------------------	--	----------------------------

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

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.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 88 08 57

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 08-11-2022
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
JP 2010248683 A	04-11-2010	NONE	
JP 2005226213 A	25-08-2005	JP 4506471 B2 JP 2005226213 A	21-07-2010 25-08-2005
JP H0655999 B2	27-07-1994	JP H0655999 B2 JP S6262991 A	27-07-1994 19-03-1987
JP 2005213303 A	11-08-2005	JP 4563041 B2 JP 2005213303 A	13-10-2010 11-08-2005
JP 2016069790 A	09-05-2016	JP 6613764 B2 JP 2016069790 A	04-12-2019 09-05-2016
JP 2004332173 A	25-11-2004	JP 4346346 B2 JP 2004332173 A	21-10-2009 25-11-2004
JP 2019183375 A	24-10-2019	NONE	