



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 85 14 91

Classification of the application (IPC):
A24F 40/42, A24F 40/70

Technical fields searched (IPC):
A24F, A24C, A24D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	WO 2019110731 A1 (PHILIP MORRIS PRODUCTS SA [CH]) 13 June 2019 (2019-06-13) * paragraph [0086]; figures 1-3 *	1, 9-11, 15 7, 13
X Y A	US 2020120981 A1 (YAMADA MANABU [JP]) 23 April 2020 (2020-04-23) * paragraph [0079]; figures 1, 2D, 6-8A *	1, 5-7, 9-12, 15 2-4, 8, 14 13
Y	US 2015223515 A1 (MCCULLOUGH TIMOTHY [US]) 13 August 2015 (2015-08-13) * paragraph [0058]; figures 1A, 15, 13 * * paragraph [0085] - paragraph [0087] * * paragraph [0105] *	2-4, 8, 14
X,P	WO 2021026443 A1 (JUUL LABS INC [US]) 11 February 2021 (2021-02-11) * paragraph [0025] - paragraph [0026]; figures 1, 2A, 2B * * paragraph [0050] - paragraph [0053] * * paragraph [0055] - paragraph [0057] *	1, 15
A	WO 2019162498 A1 (NERUDIA LTD [GB]) 29 August 2019 (2019-08-29) * paragraph [0037] - paragraph [0040]; figure 14 * * paragraph [0177] - paragraph [0185] *	1
A	US 2020037669 A1 (BOWEN ADAM [US] ET AL) 06 February 2020 (2020-02-06) * figure 3A *	1

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 25 July 2024	Examiner Sodtke, Christof
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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 25-07-2024.
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO2019110731	A1	13-06-2019	NONE	
US 2020120981	A1	23-04-2020	CN 110799048 A	14-02-2020
			EP 3643190 A1	29-04-2020
			EP 4316275 A2	07-02-2024
			JP 7071355 B2	18-05-2022
			JP 7353348 B2	29-09-2023
			JP 2022033996 A	02-03-2022
			JP 2023134695 A	27-09-2023
			JP WO2018235959 A1	23-04-2020
			KR 20200007938 A	22-01-2020
			KR 20220121905 A	01-09-2022
			PL 3643190 T3	15-04-2024
			US 2020120981 A1	23-04-2020
			US 2022000177 A1	06-01-2022
			WO 2018235241 A1	27-12-2018
			WO 2018235959 A1	27-12-2018
US 2015223515	A1	13-08-2015	US 2015223515 A1	13-08-2015
			US 2016082203 A1	24-03-2016
WO 2021026443	A1	11-02-2021	CN 114206143 A	18-03-2022
			EP 4009823 A1	15-06-2022
			JP 2022543463 A	12-10-2022
			US 2022151285 A1	19-05-2022
			US 2024349780 A1	24-10-2024
			WO 2021026443 A1	11-02-2021
WO2019162498	A1	29-08-2019	NONE	
US 2020037669	A1	06-02-2020	CA 3107937 A1	06-02-2020
			CN 113194766 A	30-07-2021
			EP 3829366 A1	09-06-2021
			EP 4427778 A2	11-09-2024
			JP 7577644 B2	05-11-2024
			JP 2021532782 A	02-12-2021
			KR 20210034649 A	30-03-2021
			US 2020037669 A1	06-02-2020
			US 2022418048 A1	29-12-2022
			US 2023380018 A1	23-11-2023
			WO 2020028591 A1	06-02-2020