



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 85 21 68

Classification of the application (IPC):
B01D 8/00, A24B 15/167, A24B 15/24, A24B 15/26

Technical fields searched (IPC):
A24B, A24F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 5074319 A (WHITE JACKIE L [US] ET AL) 24 December 1991 (1991-12-24) * column 1, line 60 - column 2, line 5; claims 1-11; examples 1-7 *	1-11
A	CN 109567260 A (SICHUAN SANLIAN NEW MAT CO LTD; CHINA TOBACCO SICHUAN IND CO LTD) 05 April 2019 (2019-04-05) * claims 1-10; examples 2-5 *	1-11
A	EP 0520231 A2 (REYNOLDS TOBACCO CO R [US]) 30 December 1992 (1992-12-30) * page 13, line 44 - page 15, line 30; claims 11-13; figure 11; examples 1-7 *	1-11
A	US 2017347706 A1 (AOUN WALID ABI [GB] ET AL) 07 December 2017 (2017-12-07) * paragraph [0004] - paragraph [0010] * * paragraph [0016] - paragraph [0018] * * paragraph [0022] - paragraph [0029] * * paragraph [0047] - paragraph [0049] * * paragraph [0052] - paragraph [0064]; figures 2,3 * * paragraph [0070] - paragraph [0072]; claims 1-12,39 *	1-11

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 05 August 2024	Examiner Munteanu, I
------------------------------	--	-------------------------

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 21 85 21 68

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 05-08-2024.
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
US 5074319	A	24-12-1991	NONE		
CN 109567260	A	05-04-2019	NONE		
EP 0520231	A2	30-12-1992	CA	2069687 A1	29-12-1992
			EP	0520231 A2	30-12-1992
			JP	H05184675 A	27-07-1993
			US	5538020 A	23-07-1996
			US	5593792 A	14-01-1997
US 2017347706	A1	07-12-2017	AU	2015334902 A1	27-04-2017
			AU	2019200330 A1	07-02-2019
			AU	2021203342 A1	24-06-2021
			BR	112017008315 A2	20-02-2018
			BR	122018067414 B1	07-03-2023
			CA	2963957 A1	28-04-2016
			CA	3078511 A1	28-04-2016
			CA	3130382 A1	28-04-2016
			CN	107072317 A	18-08-2017
			CN	113331475 A	03-09-2021
			EP	3209151 A1	30-08-2017
			EP	3440950 A1	13-02-2019
			EP	3864975 A1	18-08-2021
			ES	2874225 T3	04-11-2021
			ES	2908206 T3	28-04-2022
			HU	E054314 T2	30-08-2021
			JP	6720162 B2	08-07-2020
			JP	6845190 B2	17-03-2021
			JP	2017538398 A	28-12-2017
			JP	2018201514 A	27-12-2018
			KR	20170073664 A	28-06-2017
			KR	20190003832 A	09-01-2019
			KR	20210049976 A	06-05-2021
			MY	192115 A	28-07-2022
			PL	3209151 T3	30-05-2022
			PL	3440950 T3	08-11-2021
			RU	2647252 C1	14-03-2018
			RU	2018106929 A	26-08-2019
			UA	125367 C2	02-03-2022
			US	2017347706 A1	07-12-2017
			US	2018360122 A1	20-12-2018
			US	2022007721 A1	13-01-2022
			WO	2016062777 A1	28-04-2016