

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Classification of the application (IPC): A24D 3/10, A24D 1/20, A24F 40/30

Technical fields searched (IPC): A24F, A24D

Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
US 2015040924 A1 (MIRONOV OLEG [CH] ET AL) 12 February 2015 (2015-02-12) * abstract *	1, 3, 4, 6
* figures 1-4 *	
* paragraphs [0119], [0161], [0165], [0198] - [0201], [0229] - [0245] *	
KR 20180111460 A (KT & G CORP [KR]) 11 October 2018 (2018-10-11) * abstract * * figures 2.4.7, 8a, 8b,*	1-8
* paragraph [0094] - paragraph [0119] *	
WO 2017207586 A1 (PHILIP MORRIS PRODUCTS SA [CH]) 07 December 2017 (2017-12-07) * abstract *	1-8
* figures 1-7 *	
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* page 36 - page 45 *	
GB 2534208 A (NGIP RES LTD [GB]) 20 July 2016 (2016-07-20) * abstract * * figures 1-13 *	1-7
* page 13 - page 31 *	
EP 2625975 A1 (PHILIP MORRIS PROD [CH]) 14 August 2013 (2013-08-14)	1-7
	12 February 2015 (2015-02-12) * abstract * * figures 1-4 * * paragraphs [0119], [0161], [0165], [0198] - [0201], [0229] - [0245] * KR 20180111460 A (KT & G CORP [KR]) 11 October 2018 (2018-10-11) * abstract * * figures 3,4 7, 8a, 8b * * paragraph [0094] - paragraph [0119] * WO 2017207586 A1 (PHILIP MORRIS PRODUCTS SA [CH]) 07 December 2017 (2017-12-07) * abstract * * figures 1-7 * * page 5 * * page 36 - page 45 * GB 2534208 A (NGIP RES LTD [GB]) 20 July 2016 (2016-07-20) * abstract * * figures 1-13 * * page 13 - page 31 * EP 2625975 A1 (PHILIP MORRIS PROD [CH])

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	Date of completion of the search	Examiner			
Munich	26 November 2021	Juvenelle, Cyril			
CATEGORY OF CITED DOCUMENTS					
X: particularly relevant if taken alone	P: intermediate docume	nt			
Y : particularly relevant if combined with another	T: theory or principle ur	derlying the invention			
document of the same category	E: earlier patent docume	ent, but published on, or after the filing date			

A: technological background O: non-written disclosure

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Application number: EP 19 88 67 99

	DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim			
A	Sameer H Kareem ET AL: "Porosity Measurements of Cellulose Acetate Filters for Some Brands of Cigarette Using Mercury Porosimeter", 01 January 2010 (2010-01-01), pages 57-66 URL: https://www.iasj.net/iasj?func=fulltext&ald=77325 [retrieved on 20 May 2020 (2020-05-20)] XP055697285 * page 57 - page 64 * * tables 2, 4 *	1-8			

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 26 November 2021	_{Examiner} Juvenelle, Cyril		
CATEGORY OF CITED DOCUMENTS				
X: particularly relevant if taken alone Y : particularly relevant if combined with another	P: intermediate document T: theory or principle underl	lying the invention		

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A: technological background

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- theory or principle underlying the invention earlier patent document, but published on, or after the filing date document cited in the application E: D:
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Application number: EP 19 88 67 99

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2015040924	A1	12-02-2015	AR	089984 A1	01-10-2014
			AU	2013220438 A1	18-09-2014
			BR	112014018734 B1	17-11-2020
			CA	2863148 A1	22-08-2013
			CN	104105419 A	15-10-2014
			CN	109222237 A	18-01-2019
			CN	109222238 A	18-01-2019
			CN	109222239 A	18-01-2019
			DK	2814344 T3	22-05-2018
			EP	2814344 A1	24-12-2014
			EP	3363305 A1	22-08-2018
			EP	3689158 A1	05-08-2020
			EP	3954228 A1	16-02-2022
			ES	2668473 T3	18-05-2018
			ES	2795298 T3	23-11-2020
			ES	2900310 T3	16-03-2022
			ΗK	1200663 A1	14-08-2015
			ΗK	1259366 A1	29-11-2019
			HU	E038736 T2	28-11-2018
			IL	233384 A	29-03-2018
			JP	6442289 B2	19-12-2018
			JP	6794334 B2	02-12-2020
			JP	2015506709 A	05-03-2015
			JP	2018038421 A	15-03-2018
			JP	2021013393 A	12-02-2021
			KR	20140131317 A	12-11-2014
			KR	20180005197 A	15-01-2018
			KR	20190094474 A	13-08-2019
			KR	20200093064 A	04-08-2020
			LT	2814344 T	10-05-2018
			MX	348330 B	07-06-2017
			MY	168740 A	29-11-2018
			NO NZ	2814344 T3	01-09-2018
			NZ	626468 A	24-06-2016
			PH	12014501399 A1	08-10-2014
			PL	2814344 T3	28-09-2018
			PL PL	3363305 T3 3689158 T3	02-11-2020 07-03-2022
			PL PT	2814344 T	13-07-2018
			RU	2014137112 A	10-04-2016
			RU	2014137112 A 2017111806 A	24-01-2019
			RU	2017111806 A 2020125870 A	04-02-2022
			SG	11201404186V A	30-10-2014
			SI	2814344 T1	29-06-2018
			31	201434411	23-00-2010

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number: EP 19 88 67 99

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
	I		TW	201729695 A	01-09-2017	
			UA	116341 C2	12-03-2018	
			US	2015040924 A1	12-02-2015	
			WO	2013120855 A1	22-08-2013	
			ZA	201404469 B	25-11-2015	
KR 20180111460	A	11-10-2018	NONE			
WO2017207586	A1	07-12-2017	CA	3016274 A1	07-12-2017	
			CN	109219360 A	15-01-2019	
			EP	3462935 A1	10-04-2019	
			JP	2019525725 A	12-09-2019	
			KR	20190013716 A	11-02-2019	
			RU	2018142136 A	10-07-2020	
			US	2018007972 A1	11-01-2018	
			US	2018007973 A1	11-01-2018	
			US	2018007974 A1	11-01-2018	
			US	2018015237 A1	18-01-2018	
			US	2020060351 A1	27-02-2020	
			US	2021379303 A1	09-12-2021	
			US	2022031971 A1	03-02-2022	
			WO	2017207586 A1	07-12-2017	
GB 2534208	A	20-07-2016	NONE			
EP 2625975	A1	14-08-2013	AR	089503 A1	27-08-2014	
			AU	2012370060 A1	18-09-2014	
			BR	112014019942 B1	10-11-2020	
			CA	2864238 A1	22-08-2013	
			CN	104203015 A	10-12-2014	
			CN	107981417 A	04-05-2018	
			CN	108030151 A	15-05-2018	
			CN	108143002 A	12-06-2018	
			DK	2814342 T3	11-04-2016	
			EP	2625975 A1	14-08-2013	
			EP	2814342 A2	24-12-2014	
			ES	2573814 T3	10-06-2016	
			ΗK	1200288 A1	07-08-2015	
			HK	1250891 A1	18-01-2019	
			HU	E028558 T2	28-12-2016	
			IL	234045 A	31-05-2020	
			JP	5877618 B2	08-03-2016	
			JP	2015508676 A	23-03-2015	
			KR	20140135173 A	25-11-2014	
			MX	368241 B	25-09-2019	
			· · · ·			
			MY	167636 A	21-09-2018	

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Application number: EP 19 88 67 99

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Patent family Patent document cited Publication Publication in search report date member(s) date PH 12014501809 A1 24-11-2014 PL 2814342 T3 30-09-2016 RU 2014137106 A 10-04-2016 SG 11201404855P A 30-10-2014 ΤW 201345447 A 16-11-2013 TW 201826949 A 01-08-2018 UA 115049 C2 11-09-2017 US 2015027474 A1 29-01-2015 US 2018235283 A1 23-08-2018 WO 2013120565 A2 22-08-2013 ZA 201405902 B 25-11-2015

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82