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(54)A SMOKING ARTICLE AND MOUTHPIECE THEREFOR

The invention relates to a smoking article comprising a smoking article rod portion having a recess and a mouthpiece attachable to the smoking article rod portion comprising an elongate cylindrical element arranged to be inserted into the recess by a user. The cylindrical element comprises an outer surface having at least one

raised area, and the at least one raised area is arranged to engage with an inner surface of the recess to provide a resistance to the movement of the cylindrical element within the recess. The at least one raised area is arranged to provide a lower resistance to movement of the cylindrical element into the recess than out of the recess.

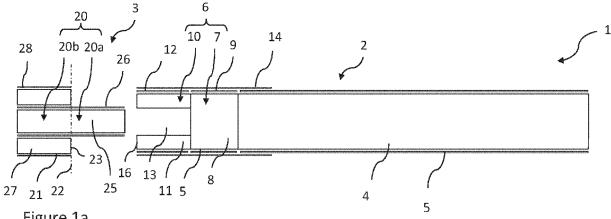


Figure 1a

DOCUMENTS CONSIDERED TO BE RELEVANT

Citation of document with indication, where appropriate,

of relevant passages

WO 2013/000967 A1 (BRITISH AMERICAN

TOBACCO CO [GB]; PENROSE GRAHAM [GB];



Category

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EUROPEAN SEARCH REPORT

Application Number

EP 23 21 3831

CLASSIFICATION OF THE APPLICATION (IPC)

A24D3/04

Relevant

1,4,9,14 INV.

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Y	MALTHOUSE MICHA) 3 January 2013 (2013-0) * page 12, line 27 - pfigure 6 * * page 9, line 19 - li * page 9, line 29 - pa * page 2, line 9 - line	ne 20 * ge 10, line 4 *	6,7,12, 15	A24D3/18 A24D1/04 A24D3/06
x	EP 1 754 419 A1 (PHILI 21 February 2007 (2007	= =:	1-3,5, 8-11,13,	
Y	* paragraph [0039]; fi * paragraphs [0020],	_	6,7,12, 15	
A	US 5 630 628 A (MOENCE 20 May 1997 (1997-05-2 * figures 8,9 *		1-15	
A	EP 0 628 260 A2 (REYNO [US]) 14 December 1994 * figures 3,4 *		1-15	TECHNICAL FIELDS SEARCHED (IPC) A24D A24F
	The present search report has been Place of search Munich	drawn up for all claims Date of completion of the search 5 March 2024	Cab	Examiner allero Martínez
X : pa Y : pa do A : tec O : no	CATEGORY OF CITED DOCUMENTS articularly relevant if taken alone articularly relevant if combined with another cument of the same category chnological background on-written disclosure termediate document	T : theory or principl E : earlier patent dor after the filing dat D : document cited in L : document cited fo	e underlying the i cument, but public e n the application or other reasons	nvention shed on, or

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EP 4 305 974 A3

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 23 21 3831

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-03-2024

	Patent document ed in search report		Publication date		Patent family member(s)		Publicat date
WO	2013000967	A1	03-01-2013	AR	088743	א 1	02-07-
WO	2013000907	ΔI	03-01-2013	AU	2012277862		16-01-
					102012015968		09-07-
				CA	2838910		03-01-
				CN	103635109		12-03-
				CN	105077575		25-11-
				EP	2723200		30-04-
					3097797		
				EP			30-11- 27-02-
				EP	3446575		
				EP	3861872		11-08-
				ES	2590143		18-11-
				HK	1193324		19-09-
				JP	3214087		21-12-
				JP 	5901756		13-04-
				JP 	6093062		08-03-
				JP	6906418		21-07-
				JP	7138216		15-09-
				JP	2014518079		28-07-
				JP	2016127861		14-07-
				JP	2016127862		14-07-
				JP	2018019712		08-02-
				JP	2021164465		14-10-
				JP	2022177071		30-11-
				KR	20140034237		19-03-
				KR	20190091372		05-08-
				MY	164934		15-02-
				PL	2723200	т3	30-12-
				RU	2665450	C1	29-08-
				RU	2013155698	A	10-08-
				RU	2018130136	A	21-02-
				UA	112772	C2	25-10-
				UA	113243	C2	26-12-
				US	2014332014	A1	13-11-
				US	2020345063	A1	05-11-
				US	2023292821	A1	21-09-
				WO	2013000967	A1	03-01-
EP	1754419	A1	21-02-2007	CN	101232825	A	 -30-07-
				EA	200800605	A1	30-06-
				EP	1754419	A1	21-02-
				HK	1121924	A1	08-05-
				JР	5719502	в2	20-05-
				JР	2009504175	A	05-02-
				KR	20080039433		07-05-
				WO	2007060543		31-05-

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

EP 4 305 974 A3

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 23 21 3831

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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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-03-2024

10		Patent document cited in search report			Publication date		Patent family member(s)		Publication date
		US	5630628	A	20-05-1997	AT	E175014		15-01-1999
						AU	7738794		01-05-1995
15						DE	4334153		15-12-1994
						EP	0672228		20-09-1995
						KR US	100335250 5630628		08-11-2002
						WO	9510003		20-05-1997 13-0 4 -1995
20		EP	0628260	 A2	14-12-1994	 EP	0628260	A2	14-12-1994
						JP	н0767613	A	14-03-1995
						US	5404890		11-04-1995
						US	5568819		29-10-1996
25									
30									
30									
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45									
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	gg								
	FORM P0459								
55	<u> </u>								

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