



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 76 51 53

Classification of the application (IPC):
A24D 1/02, A24D 1/20, A24B 15/14, A24B 15/16, A24B 15/28

Technical fields searched (IPC):
A24B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 10039890 B2 (JAPAN TOBACCO INC [JP]) 07 August 2018 (2018-08-07) * column 2, line 33; claims 1-12; figure 1; example all; table 1 * * column 6, line 9 - line 52 *	1-10, 12-16
X	WO 2004041007 A2 (PHILIP MORRIS PROD [CH]; WOODSON BEVERLEY C [US] ET AL.) 21 May 2004 (2004-05-21) * paragraph [0009] * * paragraph [0020] * * paragraph [0054] - paragraph [0062]; claims 1-13 *	1-6, 12-16
X	US 2008115794 A1 (OGLESBY ROBERT LESLIE [US]) 22 May 2008 (2008-05-22) * paragraph [0007] - paragraph [0013]; claims 1-7,9-11,18-19 * * paragraph [0016] * * paragraph [0059] - paragraph [0074] *	1-5, 7, 11, 14-16
X	US 2010170522 A1 (SUN YAN HELEN [US] ET AL) 08 July 2010 (2010-07-08) * claims 1-67 *	1-6, 9, 12, 13, 15

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 06 December 2023	Examiner Munteanu, I
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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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Patent document cited in search report		Publication date	Patent family member(s)	Publication date	
US 10039890	B2	07-08-2018	CA	2807331 A1	23-02-2012
			CN	103179869 A	26-06-2013
			EP	2606752 A1	26-06-2013
			ES	2568877 T3	05-05-2016
			HK	1181979 A1	22-11-2013
			JP	5412582 B2	12-02-2014
			JP	WO2012023515 A1	28-10-2013
			KR	20130054348 A	24-05-2013
			KR	20150038681 A	08-04-2015
			MY	156633 A	15-03-2016
			RU	2520047 C1	20-06-2014
			TW	201208588 A	01-03-2012
			UA	107388 C2	25-12-2014
			US	2013160779 A1	27-06-2013
			WO	2012023515 A1	23-02-2012
			WO 2004041007	A2	21-05-2004
BR	0315829 A	13-09-2005			
CA	2502171 A1	21-05-2004			
CN	1708241 A	14-12-2005			
DK	1555898 T3	09-05-2016			
EA	200500746 A1	25-08-2005			
EG	23930 A	14-01-2008			
EP	1555898 A2	27-07-2005			
ES	2573479 T3	08-06-2016			
HK	1076013 A1	06-01-2006			
HU	E026909 T2	28-07-2016			
IL	168310 A	30-09-2013			
JP	4889218 B2	07-03-2012			
JP	2006504431 A	09-02-2006			
KR	20050072127 A	08-07-2005			
MA	27484 A1	01-08-2005			
MX	PA05004683 A	18-08-2005			
NO	338062 B1	25-07-2016			
PL	203915 B1	30-11-2009			
UA	90430 C2	26-04-2010			
US	2004129280 A1	08-07-2004			
WO	2004041007 A2	21-05-2004			
ZA	200502781 B	30-01-2008			
US 2008115794	A1	22-05-2008	NONE		



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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 2010170522	A1	08-07-2010	BR PI0922172 A2	29-12-2015
			CA 2747719 A1	15-07-2010
			CN 102325472 A	18-01-2012
			EP 2375921 A1	19-10-2011
			JP 5783907 B2	24-09-2015
			JP 2012512664 A	07-06-2012
			US 2010170522 A1	08-07-2010
			US 2016157517 A1	09-06-2016
			US 2021045430 A1	18-02-2021
			WO 2010080599 A1	15-07-2010