

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Classification of the application (IPC): A24B 3/14, A24C 5/14, A24C 5/18, A24D 1/20 Technical fields searched (IPC): A24D, A24C

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim			
x	EP 0246107 A2 (REYNOLDS TOBACCO CO R [US]) 19 November 1987 (1987-11-19)	1-4, 7-21, 23-28			
Y	* column 2, line 3 - line 25, paragraph 3 *	5, 6, 22, 29-31			
x	EP 2361516 A1 (PHILIP MORRIS PROD [CH]) 31 August 2011 (2011-08-31)	1, 2, 5, 6, 8-22, 26-29			
Y	* paragraph [0051] - paragraph [0068] *	5, 6, 22-25, 29-31			
A		3, 4, 7			
x	US 5025814 A (RAKER MARK L [US]) 25 June 1991 (1991-06-25)	1-4, 7-11			
Y	* column 2, line 44 - column 3, line 30 *	5, 6, 23-25			
Y	JP 6371927 B1 (TOA IND CO LTD) 08 August 2018 (2018-08-08) * the whole document *	29-31			

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 October 2022					
CATEGORY OF CITED DOCUMENTS						
X: particularly relevant if taken alone	P: intermediate document	lying the invention				

- technological background
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- & : member of the same patent family, corresponding document
- T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application
- L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number: EP 19 92 07 53

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0246107	A2	19-11-1987	AU	7269887 A	19-11-1987
			BR	8702470 A	23-02-1988
			CA	1280946 C	05-03-1991
			CN	87103233 A	25-11-1987
			EP	0246107 A2	19-11-1987
			JP	S62272962 A	27-11-1987
			MY	101648 A	31-12-1991
			PH	24844 A	30-10-1990
			US	4889143 A	26-12-1989
EP 2361516	A1	31-08-2011	AR	080650 A1	25-04-2012
			AU	2011217492 A1	30-08-2012
			BR	112012020857 A2	19-07-2016
			CA	2787140 A1	25-08-2011
			CN	102762118 A	31-10-2012
			CO	6592087 A2	02-01-2013
			DK	2536302 T3	29-01-2018
			EA	201290809 A1	28-02-2013
			EP	2361516 A1	31-08-2011
			EP	2536302 A1	26-12-2012
			EP	3305099 A1	11-04-2018
			ES	2657537 T3	05-03-2018
			ΗK	1252515 A1	31-05-2019
			HU	E037891 T2	28-09-2018
			IL	220900 A	21-04-2016
			JP	5969923 B2	17-08-2016
			JP	2013519384 A	30-05-2013
			KR	20130024886 A	08-03-2013
			KR	20190015616 A	13-02-2019
			KR	20210002120 A	06-01-2021
			LT	2536302 T	12-02-2018
			MX	340404 B	07-07-2016
			MY	161047 A	14-04-2017
			NO	2536302 T3	09-06-2018
			NZ	601274 A	28-03-2014
			PL	2536302 T3	30-05-2018
			PT	2536302 T	09-04-2018
			SG	183244 A1	27-09-2012
			SI	2536302 T1	30-03-2018
			TW	201143640 A	16-12-2011
			UA	106412 C2	26-08-2014
			US	2012006343 A1	12-01-2012
			WO	2011101164 A1	25-08-2011
			ZA	201205266 B	27-03-2013

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5025814	A	25-06-1991	NONE		
JP 6371927	B1	08-08-2018	CN EP JP KR RU US WO	111741687 A 3756490 A1 6371927 B1 2019141015 A 20200106208 A 2759936 C1 2021084963 A1 2019163147 A1	02-10-2020 30-12-2020 08-08-2018 29-08-2019 11-09-2020 18-11-2021 25-03-2021 29-08-2019

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