



(11) **EP 4 364 577 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
19.06.2024 Bulletin 2024/25

(51) International Patent Classification (IPC):
A23G 3/36^(2006.01) A23G 3/54^(2006.01)

(43) Date of publication A2:
08.05.2024 Bulletin 2024/19

(52) Cooperative Patent Classification (CPC):
A23G 3/54; A23G 3/36; A23G 3/362

(21) Application number: **24165247.8**

(22) Date of filing: **17.10.2019**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

(72) Inventors:
• **HANSEN, Joern Holm**
82008 Munich (DE)
• **WASYLEWICZ, Anna**
55040 Wroclawskie (PL)
• **ZIER, Maxi**
82008 Munich (DE)
• **DETAVERNIER, Alexis**
8152 Zurich (CH)

(30) Priority: **26.10.2018 US 201862751141 P**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
19798809.0 / 3 869 971

(74) Representative: **Boult Wade Tennant LLP**
Salisbury Square House
8 Salisbury Square
London EC4Y 8AP (GB)

(71) Applicant: **Intercontinental Great Brands LLC**
East Hanover, NJ 07936 (US)

(54) **CENTER-FILLED CONFECTIONERY PRODUCT; COATED PRODUCT; AND METHODS OF MAKING**

(57) Disclosed are optionally coated center-filled hard confectionery products exhibiting enhanced flavor release profiles and a multisensorial effect.

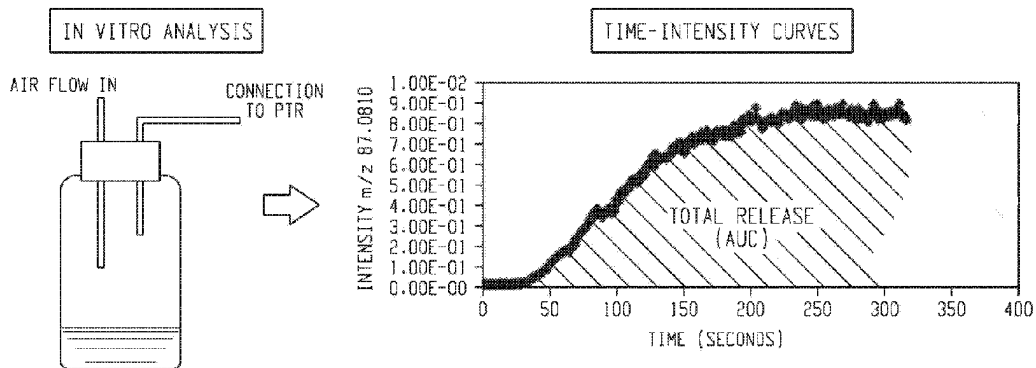


Fig. 1

EP 4 364 577 A3



EUROPEAN SEARCH REPORT

Application Number

EP 24 16 5247

5

10

15

20

25

30

35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	HINTLIAN F: "Filled Hard Candy", THE MANUFACTURING CONFECTIONER, CHICAGO, IL, US, 1 October 1995 (1995-10-01), pages 61-65, XP003023638, ISSN: 0163-4364 * the whole document *	1-12	INV. A23G3/36 A23G3/54
A	WO 2011/153229 A1 (KRAFT FOODS GLOBAL BRANDS LLC [US]; NIHON KRAFT FOODS LTD [JP] ET AL.) 8 December 2011 (2011-12-08) * the whole document *	1-12	
A	US 4 275 083 A (COLTEN FRANK P ET AL) 23 June 1981 (1981-06-23) * column 2, lines 35-58 *	1-12	
A	WO 2005/074701 A1 (HLEKS GIDA SANAYI VE TICARET A [TR]; ERDEN IBRAHIM SEMIH [TR]) 18 August 2005 (2005-08-18) * page 2; claims *	1-12	TECHNICAL FIELDS SEARCHED (IPC)
A	WO 2006/127599 A2 (BOGHANI NAVROZ [US]; GEBRESELASSIE PETROS [US] ET AL.) 30 November 2006 (2006-11-30) * the whole document *	1-12	A23G
A	EP 1 151 673 A2 (NESTLE SA [CH]) 7 November 2001 (2001-11-07) * paragraphs [0028], [0052], [0053]; figures 2,3; examples 2,5 *	1-12	
A	WO 2008/152626 A2 (HARPAZ SHIMON [IL]) 18 December 2008 (2008-12-18) * the whole document *	1-12	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 6 May 2024	Examiner Boddaert, Peter
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate 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 & : member of the same patent family, corresponding document	

1
EPO FORM 1503 03.82 (F04C01)

-/--



EUROPEAN SEARCH REPORT

Application Number
EP 24 16 5247

5

10

15

20

25

30

35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 2008/248089 A1 (BUGGE DIANE [US] ET AL) 9 October 2008 (2008-10-09) * paragraphs [0162], [0186] - [0188], [0220] - [0223]; claims * -----	1-12	
A	WO 2016/166092 A1 (PERFETTI VAN MELLE SPA [IT]) 20 October 2016 (2016-10-20) * page 6, lines 4-10; claims * * page 12, lines 19-23 * -----	1-12	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
Place of search The Hague		Date of completion of the search 6 May 2024	Examiner Boddaert, Peter
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate 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 & : member of the same patent family, corresponding document	

1
EPO FORM 1503 03.82 (F04C01)

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

EP 24 16 5247

5 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.

06-05-2024

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2011153229 A1	08-12-2011	CN 103037703 A	10-04-2013
		CN 103037704 A	10-04-2013
		EP 2575492 A1	10-04-2013
		EP 2575493 A2	10-04-2013
		ES 2564646 T3	28-03-2016
		JP 5702464 B2	15-04-2015
		JP 5702465 B2	15-04-2015
		JP 2013526881 A	27-06-2013
		JP 2013526882 A	27-06-2013
		MX 339780 B	09-06-2016
		PL 2575493 T3	30-06-2016
		US 2013209644 A1	15-08-2013
		US 2013216661 A1	22-08-2013
		WO 2011153223 A2	08-12-2011
WO 2011153229 A1	08-12-2011		
-----	-----	-----	-----
US 4275083 A	23-06-1981	NONE	
-----	-----	-----	-----
WO 2005074701 A1	18-08-2005	NONE	
-----	-----	-----	-----
WO 2006127599 A2	30-11-2006	AU 2006251543 A1	30-11-2006
		AU 2006251544 A1	30-11-2006
		AU 2010257375 A1	27-01-2011
		CA 2606495 A1	30-11-2006
		CA 2606496 A1	30-11-2006
		EP 1885195 A2	13-02-2008
		EP 1895856 A2	12-03-2008
		EP 1906747 A2	09-04-2008
		EP 1919297 A2	14-05-2008
		EP 1919298 A2	14-05-2008
		EP 1924148 A2	28-05-2008
		EP 1924149 A2	28-05-2008
		ES 2573863 T3	10-06-2016
		ES 2599169 T3	31-01-2017
		ES 2627573 T3	28-07-2017
		ES 2643298 T3	22-11-2017
		ES 2717185 T3	19-06-2019
		JP 4694619 B2	08-06-2011
		JP 4694620 B2	08-06-2011
		JP 2008541725 A	27-11-2008
JP 2008541726 A	27-11-2008		
PL 1885195 T3	28-06-2019		
PL 1895856 T3	29-09-2017		
PL 1919297 T3	30-09-2016		
PL 1924148 T3	31-03-2017		
PL 1924149 T3	31-01-2018		

EPC FORM P0459

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

55

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

EP 24 16 5247

5 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.

06-05-2024

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
		US 2008160138 A1	03-07-2008	
		US 2008187621 A1	07-08-2008	
		US 2008199564 A1	21-08-2008	
		WO 2006127599 A2	30-11-2006	
		WO 2006127600 A2	30-11-2006	
		WO 2006127601 A2	30-11-2006	
		WO 2006127602 A2	30-11-2006	
		WO 2006127603 A2	30-11-2006	
		WO 2006127604 A2	30-11-2006	
		WO 2006127605 A2	30-11-2006	

EP 1151673	A2	07-11-2001	AT E305228 T1	15-10-2005
			AU 784032 B2	19-01-2006
			BR 0110552 A	01-04-2003
			CA 2407261 A1	08-11-2001
			CN 1438838 A	27-08-2003
			CZ 20023834 A3	12-02-2003
			DE 60113674 T2	16-11-2006
			EP 1151673 A2	07-11-2001
			EP 1280414 A2	05-02-2003
			HK 1054298 A1	28-11-2003
			JP 2004500841 A	15-01-2004
			MX PA02011779 A	10-04-2003
			MY 133843 A	30-11-2007
			NZ 522345 A	29-10-2004
			PL 365828 A1	10-01-2005
			SK 15482002 A3	03-06-2003
			US 2003059501 A1	27-03-2003
			WO 0182715 A2	08-11-2001

WO 2008152626	A2	18-12-2008	CA 2727531 A1	18-12-2008
			EP 2155174 A2	24-02-2010
			IL 202599 A	31-08-2016
			US 2010178352 A1	15-07-2010
			WO 2008152626 A2	18-12-2008

US 2008248089	A1	09-10-2008	EP 2164346 A1	24-03-2010
			US 2008248089 A1	09-10-2008
			WO 2008124763 A1	16-10-2008

WO 2016166092	A1	20-10-2016	AU 2016249760 A1	02-11-2017
			BR 112017021961 A2	10-07-2018
			CA 2982378 A1	20-10-2016
			CN 107427025 A	01-12-2017
			EA 201792017 A1	30-04-2018
			EP 3282861 A1	21-02-2018

EPC FORM P0459

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

55

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

EP 24 16 5247

5 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.

06-05-2024

10	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
			ES 2817002 T3	06-04-2021
			IT UB20150047 A1	14-10-2016
			JP 6758320 B2	23-09-2020
15			JP 2018511342 A	26-04-2018
			KR 20180004711 A	12-01-2018
			PH 12017501861 A1	26-02-2018
			SG 11201708376X A	29-11-2017
			TW 201642754 A	16-12-2016
20			US 2018070606 A1	15-03-2018
			WO 2016166092 A1	20-10-2016

25				
30				
35				
40				
45				
50				

EPC FORM P0459

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

55