

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
29 June 2006 (29.06.2006)

PCT

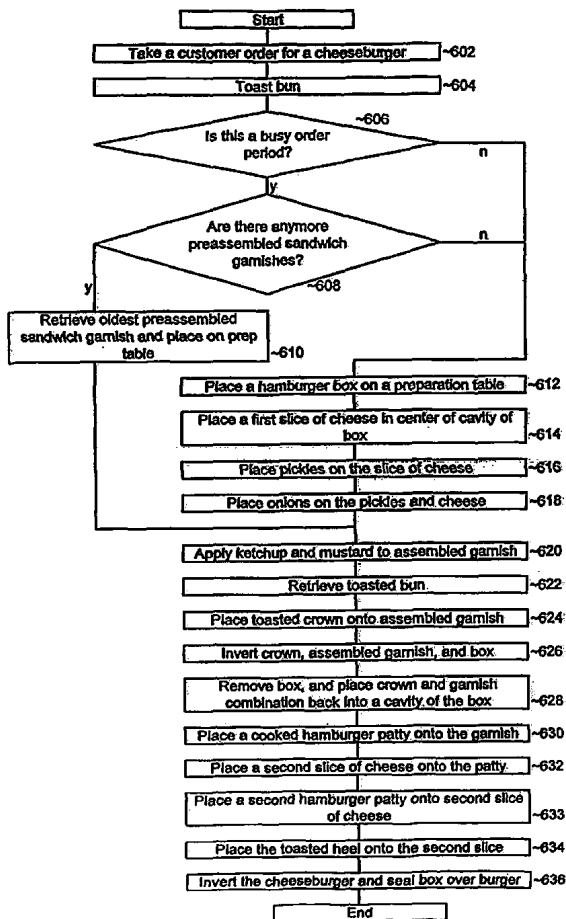
(10) International Publication Number  
WO 2006/068863 A3

- (51) International Patent Classification:  
A23L 1/31 (2006.01)
- (21) International Application Number:  
PCT/US2005/044835
- (22) International Filing Date:  
12 December 2005 (12.12.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
11/018,295 21 December 2004 (21.12.2004) US
- (71) Applicant (for all designated States except US): MC-DONALD'S CORPORATION [US/US]; Mcdonald's Plaza, Oak Brook, Illinois 60521 (US).
- (72) Inventors: PROPER, Kathryn, V.; 530 N. Lake Shore Drive, Unit 1807, Chicago, Illinois 60611 (US). EWALD, Henry, T.; 338 Jennifer Lane, Roselle, IL 60172 (US). SIMMONS, Paul, G.; 22W400 McCarron Road, Glen Ellyn, IL 60137 (US).

- (74) Agent: RYNDAK, James, D.; Ryndak & Suri LLP, 200 W. Madison Street, Suite 2100, Chicago, Illinois 60606 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MAKING A SANDWICH



(57) Abstract: The present invention relates to a sandwich assembly tool and methods of making a sandwich, which may be a hot or cold sandwich, quickly by pre-assembly of various sandwich components and simultaneous preparation of different parts of the same sandwich. The sandwich assembly tool is composed of a member preferably having one or two cavities for containing a quantity of garnish. The cavities are used for the assembly of the sandwich. The tool may have a raised ridge adjacent one or both cavities for placement against the hinge of a bread component. Methods of making a sandwich are disclosed. The methods may include one or more of the use of preassembled sandwich fillings, assembly of garnishes in advance of a customer's order or while other portions of the sandwich are being heated using the sandwich assembly tool, the simultaneous heating of a bread component and the sandwich filling, placing the bread component over the tool containing garnish, and inverting the tool and bread combination to deposit the sandwich garnish onto the bread component.

WO 2006/068863 A3



**Declaration under Rule 4.17:**

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

**(88) Date of publication of the international search report:**

9 April 2009

**Published:**

— *with international search report*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/44835

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: **A23L 01/31**

USPC: 426/275,418,120,115,114,128

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 426/275,418,120,115,114,128

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)


**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4328254 (Waldburger) 4 May 1982 (4.5.1982), entire document	1-8, 11-16
Y	US 4133896 (Standing et al.) 9 January 1979 (9.1.1979), entire document	1-8, 11-16
Y	Cozzi et al. (5012971) 7 May 1991 (7.5.1991), entire document	9-10, 29-35
X	US 20040005391 (Shin) 8 January 2004 (8.1.2004), entire document	17, 19-21, 23-28
---		-----
Y		29-35
Y	US 3069994 (Lewis) 29 July 1959 (29.7.1959), entire document	18

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:		
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	
"P"	document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search 28 May 2008 (28.05.2008)	Date of mailing of the international search report <b>26 JUN 2008</b>
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer Keith Hendricks  Telephone No. (571) 272-1200