



- (51) International Patent Classification:  
*B64D 11/04* (2006.01)
- (21) International Application Number:  
PCT/IB2015/052946
- (22) International Filing Date:  
22 April 2015 (22.04.2015)
- (25) Filing Language:  
English
- (26) Publication Language:  
English
- (30) Priority Data:  
61/984,211 25 April 2014 (25.04.2014) US
- (71) Applicant: **BOMBARDIER INC.** [CA/CA]; 400 Côte Vertu Road West, Dorval, Québec H4S 1Y9 (CA).
- (71) Applicant (for MT only): **SHORT BROTHERS PLC** [IE/IE]; Airport Road, Belfast, BT3 9DZ (IE).
- (72) Inventors: **MIRON, Bruno**; 126 rue des Abeilles, Coteau du Lac, Québec J0P 1B0 (CA). **TREMBLAY, Michel**; 830 rue Julien, Ste-Dorothée, Québec H7X 2M4 (CA). **LADD, Gradyn**; 148 5th Ave., Pincourt, Québec J7W 5L2 (CA). **TREMBLAY, Benjamin**; 47 rue Deschamps, St-Roch de l'achigan, Québec J0K 3H0 (CA).
- (74) Agent: **NORTON ROSE FULBRIGHT CANADA LLP / S.E.N.C.R.L.**; Suite 2500, 1 Place Ville Marie, Montreal, Québec H3B 1R1 (CA).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

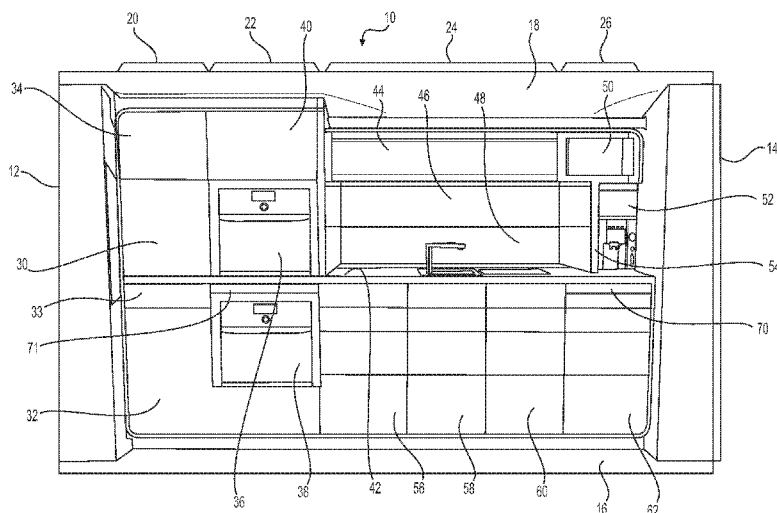
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:  
21 January 2016

(54) Title: AIRCRAFT GALLEY CONFIGURATION



**FIG. 1**

(57) Abstract: An aircraft galley configuration (10) extending along a longitudinal axis of a fuselage of an aircraft and on one side of the aircraft includes a forward end (12) of the galley (10) closest to the front of the aircraft and a rear end (14) of the galley (10) on an opposite longitudinal end of the galley (10) and closest to a passenger section of the aircraft, and a plurality of galley modules (20, 22, 24, 26) disposed in the galley (10) between the forward (12) and rear ends (14) of the galley. The galley modules comprise a storage module (20), a heating module (22), a preparation module (24), and a service module (26). The storage module (20) is disposed at the forward end (12) of the galley (10) and the service module (26) is disposed at the rear end (14) of the galley (10). An efficient work flow in the direction of the passenger section is created by the galley configuration (10).



# INTERNATIONAL SEARCH REPORT

International application No PCT/IB2015/052946
---

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. B64D11/04 ADD.				
According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b>				
Minimum documentation searched (classification system followed by classification symbols) B64D				
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) EPO-Internal, WPI Data				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 2013/248649 A1 (BURD PETER JOHN LESLIE [GB]) 26 September 2013 (2013-09-26) abstract; claim 1; figures 1-3 -----	1-14		
X	US 2012/285335 A1 (CUNNINGHAM CRAIG [GB] ET AL) 15 November 2012 (2012-11-15) abstract; figures 1, 3, 4 -----	1-3, 7-10,13, 14		
X	US 2013/248652 A1 (GODECKER WILLIAM J [US] ET AL) 26 September 2013 (2013-09-26) abstract; figures 1, 2, 6 -----	1		
X	EP 2 316 733 A2 (EMBRAER AERONAUTICA SA [BR]) 4 May 2011 (2011-05-04) abstract; figures 3, 6, 7 -----	1		
-/--				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.</td> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> See patent family annex.</td> </tr> </table>			<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> 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 "E" earlier application or patent but published on or after the international filing date "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) "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	"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 "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 "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 "&" document member of the same patent family			
Date of the actual completion of the international search	Date of mailing of the international search report			
8 September 2015	20/11/2015			
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Podratzky, Andreas			

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/IB2015/052946

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2013/076214 A1 (CHAMBERLIN ANTHONY EARL [US] ET AL) 28 March 2013 (2013-03-28) abstract; figure 1 -----	1

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2015/052946

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-14

### Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/IB2015/052946
---

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2013248649	A1	26-09-2013	CA 2867623 A1 26-09-2013
			CN 104507805 A 08-04-2015
			EP 2828153 A1 28-01-2015
			JP 2015518443 A 02-07-2015
			US 2013248649 A1 26-09-2013
			WO 2013142423 A1 26-09-2013
-----			
US 2012285335	A1	15-11-2012	CA 2826159 A1 04-10-2012
			CN 103459252 A 18-12-2013
			EP 2694369 A1 12-02-2014
			JP 2014511792 A 19-05-2014
			US 2012285335 A1 15-11-2012
			WO 2012135371 A1 04-10-2012
-----			
US 2013248652	A1	26-09-2013	CA 2867587 A1 26-09-2013
			CN 104520188 A 15-04-2015
			EP 2828154 A2 28-01-2015
			JP 2015517946 A 25-06-2015
			US 2013248652 A1 26-09-2013
			WO 2013142790 A2 26-09-2013
-----			
EP 2316733	A2	04-05-2011	BR P11004833 A2 26-02-2013
			EP 2316733 A2 04-05-2011
			US 2011101160 A1 05-05-2011
-----			
US 2013076214	A1	28-03-2013	CN 103118942 A 22-05-2013
			EP 2619091 A2 31-07-2013
			JP 5651785 B2 14-01-2015
			JP 2013544690 A 19-12-2013
			JP 2015071414 A 16-04-2015
			US 2013076214 A1 28-03-2013
			US 2015076981 A1 19-03-2015
			WO 2012040564 A2 29-03-2012
-----			

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-14

An aircraft galley configuration with galley modules  
---

2. claims: 15-17

A cabinet door system for an aircraft galley with a galley cabinet and a door  
---