

INTERNATIONAL SEARCH REPORT

International application No
PCT/FR2015/051196

A. CLASSIFICATION OF SUBJECT MATTER
INV. B64B1/66 B64F1/14
ADD.
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)
B64B B64F B66F B66D B64C

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 842 221 A (BEACH GLENN R [US] ET AL) 27 June 1989 (1989-06-27) column 3, lines 5-16; figures 1,2 -----	1-9
A	DE 646 279 C1 (DEMAG AG) 11 June 1937 (1937-06-11) the whole document -----	1-9
A	US 2 723 833 A (FRANK BURFEIND HENRY) 15 November 1955 (1955-11-15) column 3, line 40 - column 4, line 2; figure 2 -----	1-9
A	US 2009/184196 A1 (PRICE ANDREW JOHN [CA]) 23 July 2009 (2009-07-23) paragraph [0073]; figure 12 -----	1-9
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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 13 July 2015	Date of mailing of the international search report 20/07/2015
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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 Cesaro, Ennio
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 527 707 A (SAMUEL HUGH RICHARDS; HAROLD JOHN LLOYD) 15 October 1940 (1940-10-15) page 3, lines 65-71; figure 1 -----	1-9
A	KR 2010 0065856 A (KOREA AEROSPACE RES INST [KR]) 17 June 2010 (2010-06-17) figure 2 -----	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/FR2015/051196

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4842221	A	27-06-1989	NONE
DE 646279	C1	11-06-1937	-----
US 2723833	A	15-11-1955	NONE
US 2009184196	A1	23-07-2009	NONE
GB 527707	A	15-10-1940	NONE
KR 20100065856	A	17-06-2010	NONE