

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
24 April 2008 (24.04.2008)

PCT

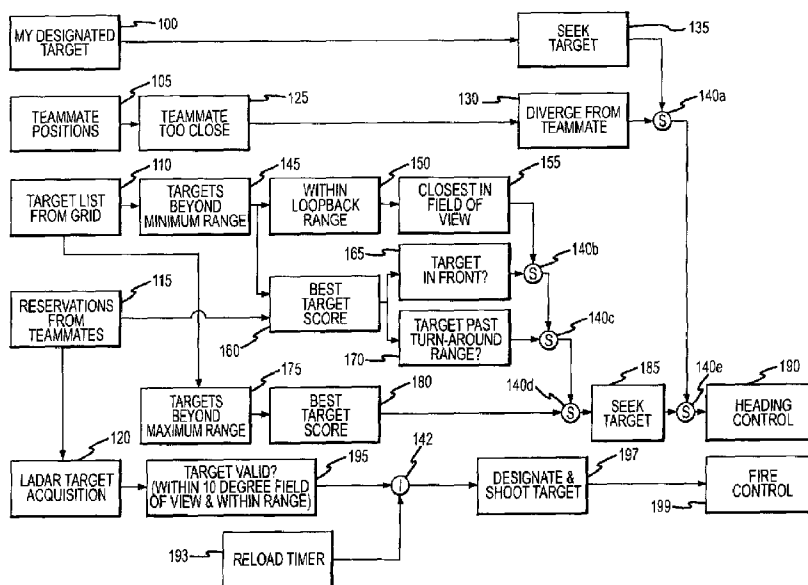
(10) International Publication Number  
WO 2008/048696 A3

- (51) International Patent Classification:  
B64C 39/02 (2006.01)
- (21) International Application Number:  
PCT/US2007/060684
- (22) International Filing Date: 18 January 2007 (18.01.2007)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
11/336,145 19 January 2006 (19.01.2006) US
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- (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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, 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).

- Published:
  - with international search report
  - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:  
10 July 2008

(54) Title: SYSTEM AND METHOD FOR DISTRIBUTED ENGAGEMENT



(57) Abstract: The disclosed system for cooperative engagement generally includes a control system in communication with an actuation system, an effector system, a sensor system and a communications interface. Disclosed features and specifications may be variously controlled, adapted or otherwise optionally modified to realize improved distributed designation and/or engagement function. Exemplary embodiments of the present invention generally provide cooperative designation and engagement of targets for air-, land-, sea- or space-based weapon systems.

WO 2008/048696 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/60684

<p><b>A. CLASSIFICATION OF SUBJECT MATTER</b>                  IPC(8) - B64C 39/02 (2008.04)                  USPC - 318/568.11                  According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p><b>B. FIELDS SEARCHED</b></p> <p>Minimum documentation searched (classification system followed by classification symbols)                  IPC(8) -B64C 39/02; F41H 13/00; F42B 15/01 (2008.04)                  USPC -318/568.11; 318/568.12; 342/350; 600/102</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)                  Databases: PatBase &amp; Google Patent</p>														
<p><b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b></p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 2004/030449 A1 (SOLOMON) 12 February 2004 (12.02.2004) entire document</td> <td>1-6, 8-21</td> </tr> <tr> <td>---</td> <td></td> <td>7</td> </tr> <tr> <td>Y</td> <td>US 5,712,441 A1 (GRUNEWALD) 27 January 1998 (27.01.1998) entire document</td> <td>7</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 2004/030449 A1 (SOLOMON) 12 February 2004 (12.02.2004) entire document	1-6, 8-21	---		7	Y	US 5,712,441 A1 (GRUNEWALD) 27 January 1998 (27.01.1998) entire document	7
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/></p>														
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"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</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"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</td> </tr> <tr> <td>"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)</td> <td>"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</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"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 but 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	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed			
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<p>Date of the actual completion of the international search</p> <p>04 April 2008</p>		<p>Date of mailing of the international search report</p> <p><b>29 APR 2008</b></p>												
<p>Name and mailing address of the ISA/US</p> <p>Mail Stop PCT, Attn: ISA/US, Commissioner for Patents                  P.O. Box 1450, Alexandria, Virginia 22313-1450                  Facsimile No. 571-273-3201</p>		<p>Authorized officer:</p> <p>Blaine R. Copenheaver</p> <p>PCT Helpdesk: 571-272-4300                  PCT OSP: 571-272-7774</p> 