(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 29 May 2008 (29.05.2008)

(10) International Publication Number WO 2008/063437 A3

(51) International Patent Classification: B60P 7/13 (2006.01)

(21) International Application Number:

PCT/US2007/023647

(22) International Filing Date:

9 November 2007 (09.11.2007)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/602,904

21 November 2006 (21.11.2006)

(71) Applicant (for all designated States except US): DEERE & COMPANY [US/US]; One John Deere Place, Moline, IL 61265 (US).

(72) Inventors; and

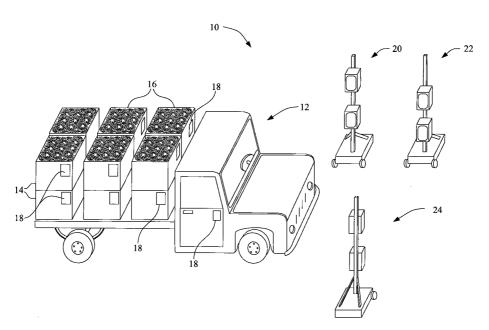
- (75) Inventors/Applicants (for US only): WILCOX, Timothy, Amos [US/US]; 2811 East 1850th Street, Loraine, IL 62349 (US). **DICKMAN, Douglas, Jeffrey** [US/US]; 1400 Henry Street, Normal, IL 61761 (US).
- (74) Agent: CLAIR, Scott, D.; Deere & Company, Patent Department, One John Deere Place, Moline, IL 61265 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, 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, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, 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, MT, 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: 17 July 2008

(54) Title: AGRICULTURAL INFORMATION GATHERING SYSTEM



(57) Abstract: An agricultural portal system (10) for use along a transportation route upon which agricultural containers (14, 16) having a responding device (18) are transported, the agricultural portal system (10) including at least one station (20, 22, 24) having movable support, at least one sensor system (34) connected to the movable support. The sensor system (34) has at least one identification system 36 that is directed toward the transportation route. The sensor system (34) has at least one identification system (38) that receives a signal from the responding device (18) thereby obtaining information about the agricultural containers (14, 16). The sensor system (34) has a communications system (44) that communicates the information.



INTERNATIONAL SEARCH REPORT

International application No. PCT/US07/23647

Α.	CLASSIFICATION OF SUBJECT MATTER
l IP	C(8) - B60P 7/13 (2008.01)
l us	SPC - 235/375
Acc	cording to International Patent Classification (IPC) or to both national classification and IPC
В.	FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC(8) - B60P 7/13, B60R 25/00, B60R 25/10, B65D 90/48, B65D 90/54, B65G 61/00, B65G 63/00, B67D 5/06 (2008.01)
USPC - 235/375, 235/384, 235/385, 340/10.1, 340/10.33, 340/101, 340/1033, 340/5.1, 340/5.92, 340/5.1, 340/522

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) Patbase & Google Patents

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2005/134457 A1 (RAJAPAKSE et al) 23 June 2005 (23.05.2005) entire document	1-2, 4-6,8,11-13
Y	US 2006/114110 A1 (GIRSHOVICH et al) 01 June 2006 (01.05.2006) entire document	14-20
Y	US 2006/145844 A1 (CHEN et al) 06 July 2006 (06.07.2006) entire document	3,9-10 & 15-20
Y	US 5,379,224 A (BROWN et al) 03 January 1995 (03.01.1995) entire document	20
Y	US 3,936,824 A (AKER et al) 03 February 1976 (03.02.1976) entire document	7
:		
:		

	Further documents are listed in the continuation of Box C.			
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority	
"A"	locument defining the general state of the art which is not considered o be of particular relevance		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	•	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
"L"	document which may throw doubts on priority claim(s) or which is		step when the document is taken alone	
	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	
"O"	document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"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		Date of mailing of the international search report		
17 April 2008		<u> </u>	0 9 MAY 2008	
Name and mailing address of the ISA/US		Authorized officer:		
	Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450		Blaine R. Copenheaver	
Facsimile No. 571-273-3201			PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774	