

(12) International Application Status Report

Received at International Bureau: 21 September 2018 (21.09.2018)

Information valid as of: 28 November 2018 (28.11.2018)

Report generated on: 24 July 2019 (24.07.2019)

(10) Publication number:

WO2019/046788

(43) Publication date:

07 March 2019 (07.03.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2018/049211

(22) Filing Date:

31 August 2018 (31.08.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/552,876 (US)

(31) Priority date(s):

31 August 2017 (31.08.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

G06Q 10/08 (2012.01); **A01F 12/50** (2006.01); **B65B 1/30** (2006.01); **B65B 7/16** (2006.01); **B65B 35/00** (2006.01); **B65B 35/10** (2006.01)

(71) Applicant(s):

MONSANTO TECHNOLOGY LLC [US/US]; 800 North Lindbergh Boulevard Saint Louis, Missouri 63167 (US) (*for all designated states*)

(72) Inventor(s):

BAITINGER, David, J.; c/o Monsanto Company 800 North Lindbergh Boulevard Mail Zone E1NA Saint Louis, Missouri 63167 (US)

HAHN, Brian, L.; c/o Monsanto Company 800 North Lindbergh Boulevard Mail Zone E1NA Saint Louis, Missouri 63167 (US)

MADDUX, Andrew; c/o Monsanto Company 800 North Lindbergh Boulevard Mail Zone E1NA Saint Louis, Missouri 63167 (US)

THOMPSON, Eric; c/o Monsanto Company 800 North Lindbergh Boulevard Mail Zone E1NA Saint Louis, Missouri 63167 (US)

WEYHRICH, Roger, A.; c/o Monsanto Company 800 North Lindbergh Boulevard Mail Zone E1NA Saint Louis, Missouri 63167 (US)

(74) Agent(s):

CONWAY, Jason, H.; Senniger Powers LLP 100 North Broadway, 17th Floor St. Louis, Missouri 63102 (US)

(54) Title (EN): SEED FULFILLMENT SYSTEM

(54) Title (FR): SYSTÈME D'EXÉCUTION DE GRAINES

(57) Abstract:

(EN): A seed fulfillment system is an automated system for sorting and delivering different types of seeds from different seed containers to a shipping-container loading system which loads shipping containers with the seeds. The seed fulfillment system includes an intermediary-container handling system which conveys intermediary containers of seeds from a filling system to a shipping-container loading system.

(FR): L'invention concerne un système d'exécution de graines qui est un système automatisé pour trier et distribuer différents types de graines à partir de différents conteneurs de graines vers un système de chargement de conteneur d'expédition qui charge des conteneurs d'expédition avec les graines. Le système d'exécution de graines comprend un système de manipulation de conteneur intermédiaire qui transporte des conteneurs intermédiaires de graines d'un système de remplissage à un système de chargement de conteneur d'expédition.

International search report:

Received at International Bureau: 28 October 2018 (28.10.2018) [US]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM

Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))