(12) International Application Status Report

Received at International Bureau: 19 July 2018 (19.07.2018)
Information valid as of: 02 July 2019 (02.07.2019)
Report generated on: 20 August 2019 (20.08.2019)

(10) Publication number:
WO2019/027330

(43) Publication date:
07 February 2019 (07.02.2019)

(26) Publication language:
English (EN)

(21) Application Number:
PCT/NO2018/050193

(22) Filing Date:
17 July 2018 (17.07.2018)

(25) Filing language:
English (EN)

(31) Priority number(s):
17184708.0 (EP)

(31) Priority date(s):
03 August 2017 (03.08.2017)

(31) Priority status:
Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:
A01B 17/00 (2006.01)

(71) Applicant(s):
KVERNELAND GROUP OPERATIONS NORWAY [NO/NO]; Plogfabrikkveien 1 4353 Klepp Stasjon (NO) *(for all designated states)*

(72) Inventor(s):
BJØRÅS, Emil; Myrsnipev. 10 4353 Klepp Stasjon (NO)

(74) Agent(s):
HÅMSØ PATENTBYRÅ AS; P.O. Box 171 4301 Sandnes (NO)

(54) Title (EN): REMOTE SKIMMER ADJUSTMENT FOR A MOULDBOARD PLOUGH

(54) Title (FR): RÉGLAGE DE RASETTE À DISTANCE POUR UNE CHARRUE À VERSOIR

(57) Abstract:

(EN): A reversible mouldboard plough (1), wherein each a plough beam (12) is provided with a pair of plough bodies (11), a skimmer arrangement (14) being connected to the plough beam (12) providing a first skimmer (141) and a second skimmer (141a) proximate and in front of the respective plough bodies (11), wherein each skimmer (141, 141a) is attached to a skimmer shank (142) which is arranged displaceable in a longitudinal direction of the skimmer shank (142), and wherein the first skimmer (141) and the second skimmer (141a) are interconnected with a synchronization mechanism (144) arranged to provide equal displacement of the skimmers (141, 141a) relative to the respective plough bodies (11), wherein the first skimmer (141) and the second skimmer (141a) are further interconnected with a linear actuator (15) arranged for displacing the skimmers (141, 141a) in the longitudinal direction of the skimmer shanks (142). A method of setting the working depth of skimmers (141, 141a) of a reversible multi-furrow mouldboard plough (1) is also disclosed

(FR): L'invention concerne une charrue à versoir réversible (1), chaque age de charrue (12) étant pourvue d'une paire de corps de charrue (11), un agencement de rasettes (14) étant relié à l'age de charrue (12) fournissant une première rasette (141) et une seconde rasette (141a) à proximité et devant les corps de charrue respectifs (11), chaque rasette (141, 141a) étant fixée à une tige de rasette (142) qui est disposée de façon à pouvoir se déplacer dans une direction longitudinale de la tige de rasette (142), et la première rasette (141) et la seconde rasette (141a) étant interconnectées avec un mécanisme de synchronisation (144) agencé pour permettre un déplacement égal des rasettes (141, 141a) par rapport aux corps de charrue respectifs (11), la première rasette (141) et la seconde rasette (141a) étant en outre interconnectées avec un actionneur linéaire (15) agencé pour déplacer les rasettes (141, 141a) dans la direction longitudinale des tiges de rasette (142). L'invention concerne également un procédé de réglage de la profondeur de travail des rasettes (141, 141a) d'une charrue à versoir multisillon réversible (1).

International search report:
Received at International Bureau: 29 October 2018 (29.10.2018) [EP]

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

Chapter II demand received: 26 March 2019 (26.03.2019)

(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 of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America