

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 April 2008 (03.04.2008)

PCT

(10) International Publication Number
WO 2008/040033 A3

(51) International Patent Classification:
C05F 17/02 (2006.01) A01K 67/033 (2006.01)
C05F 3/06 (2006.01)

(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, 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.

(21) International Application Number:
PCT/YU2006/000030

(22) International Filing Date:
30 November 2006 (30.11.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MP-2006/0144 28 September 2006 (28.09.2006) RS

(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).

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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

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(88) Date of publication of the international search report:
24 December 2008

(54) Title: DEVICE FOR PRODUCTION AND SEPARATION OF BIOHUMUS

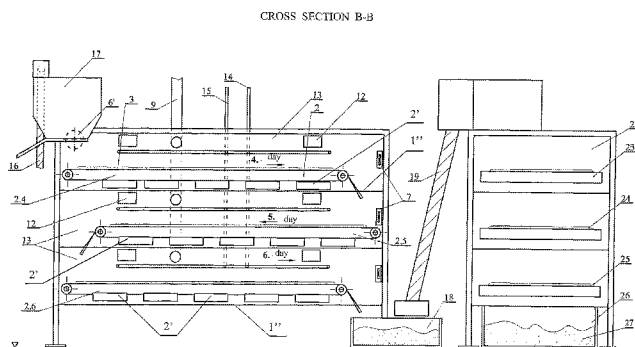


Fig. 3

(57) Abstract: Device for production and separation of biohumus, consists from a housing (1) of the device with three conveyor belts (2.1), (2.2) and (2.3) set one underneath the other and three conveyor belts (2.4), (2.5) and (2.6) in the housing (1') all of these set in special tunnels (13) with heated air. Housings (1) and (1') are set in parallel, one next to the other, where dung (3) is dosed by dosage units (6) and (6') onto the conveyor belts, and underneath the belt (2.6) of the second housing (1') wherein is set a collecting container (18) that is connected to a vibratory dumping out grating (20) by means of a worm conveyor (19). At the entrance of the first housing (1) above the conveyor belt (2.1), is set a receiving compartment (4) with a mixer, a heater and a dosage unit. Above the receiving compartment (4) is set a conveyor (5) to bring the dung therewith. Belts of the conveyor belts (2.1) to (2.6) have rubber deflectors (2') shaped as a turned up letter "V" that are set at certain distances along the whole length of the belt and for the purpose of removal of the migrating larvae and the rest from the floor (1'') of the tunnel (13), by cleaning aside the migrating larvae and the rest from the floor (1'') and toward the lateral collector (22). At the top of the dumping out grating (20) for separation of fractions of biohumus, a coarse-grained sieve (23) is set for the first fraction of biohumus - matters granulated without larvae, and a middle sieve (24) set underneath it, for the second fraction - matters for granulation and larvae, while underneath it is a fine sieve (25) for the third fraction - pure biohumus (27).



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INTERNATIONAL SEARCH REPORT

International application No
PCT/YU2006/000030

A. CLASSIFICATION OF SUBJECT MATTER
 INV. C05F17/02 C05F3/06 A01K67/033

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)
 C05F A01K

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 practical, search terms used)
 EPO-Internal, WPI Data, COMPENDEX, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	EP 0 621 248 A (VOGEL WERNER [AT]; MUELLER PETER ING [AT]) 26 October 1994 (1994-10-26) page 3, line 37 - line 48; figures 3,4 ----- -/--	1-3

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Date of the actual completion of the international search 6 October 2008	Date of mailing of the international search report 20/10/2008
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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 Cardin, Aurélie
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INTERNATIONAL SEARCH REPORT

International application No

PCT/YU2006/000030

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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