

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 August 2003 (28.08.2003)

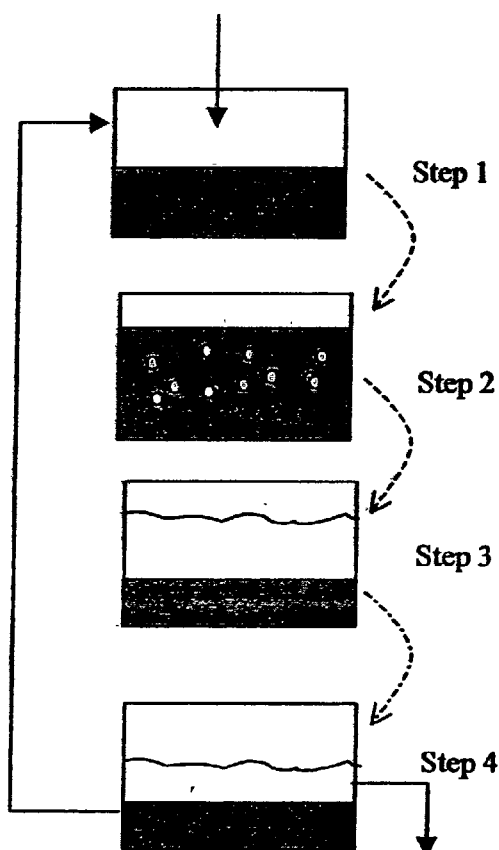
PCT

(10) International Publication Number
WO 03/070649 A1

- (51) International Patent Classification⁷: C02F 3/26, 3/00, 11/00
- (21) International Application Number: PCT/SG03/00017
- (22) International Filing Date: 28 January 2003 (28.01.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/081,700 22 February 2002 (22.02.2002) US
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

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(54) Title: AEROBIC BIOMASS GRANULES FOR WASTE WATER TREATMENT



(57) Abstract: The method of producing aerobic biogranules for the treatment of waste water comprising the steps of: a) introducing waste water into a reactor; b) seeding the reactor with a active biomass material; c) supplying the oxygen-containing gas to the reactor to provide a mixing action to the suspension of biomass material in said waste water, the supply of oxygen-containing gas providing a superficial upflow gas velocity greater than 0.25 cm/s; d) initiating a period of nutrient starvation of the biomass material while continuing to supply oxygen-containing gas; e) allowing formed aerobic granules to settle in a settling zone in said reactor; f) discharging at least a portion of the waste water; g) repeating steps (a) to (f) until at least a portion of the biogranules in said settling zone are within a predetermined properties; and h) recovering said biomass granules within those predetermined properties.

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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,

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