

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 July 2007 (19.07.2007)

PCT

(10) International Publication Number
WO 2007/080179 A1

(51) International Patent Classification:

C02F 11/00 (2006.01) *C02F 1/24* (2006.01)
C02F 1/66 (2006.01) *C02F 101/20* (2006.01)
C02F 9/00 (2006.01) *C02F 101/10* (2006.01)
C02F 1/52 (2006.01)

(21) International Application Number:

PCT/EP2007/050257

(22) International Filing Date: 11 January 2007 (11.01.2007)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2006/0030 13 January 2006 (13.01.2006) BE

(71) Applicant (*for all designated States except US*): **SOLVAY**
(*Société Anonyme*) [BE/BE]; Rue du Prince Albert, 33,
B-1050 Bruxelles (BE).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **DEPELSENAIRE,**
Guy [BE/BE]; Avenue des Combattants, 28, B-1490 Court-
Saint-Etienne (BE).

(74) Agents: **GILLIARD, Pierre** et al.; Rue de Ransbeek, 310,
B-1120 Bruxelles (BE).

(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.

(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).

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*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: WASTE TREATMENT PROCESS

(57) Abstract: Process for treating waste containing heavy metals, the process including a phosphating operation, a step of foaming the waste and a step of drying the foam, in which the waste undergoing the treatment results from the addition, to a base waste lightly contaminated with heavy metals, of a secondary waste whose content of heavy metals is at least twice that of the base waste.

WO 2007/080179 A1