

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 September 2004 (10.09.2004)

PCT

(10) International Publication Number
WO 2004/076394 A1

- (51) International Patent Classification⁷: **C07C 37/82**
- (21) International Application Number:
PCT/US2004/001118
- (22) International Filing Date: 16 January 2004 (16.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/448,918 21 February 2003 (21.02.2003) US
- (71) Applicants (for all designated States except US): **DOW GLOBAL TECHNOLOGIES, INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US). **DOW DEUTSCHLAND GMBH & CO. OHG** [DE/DE]; Buetzflethersand, D-21677 Stade-Buetzfleth (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PATRASCU, Emil** [DE/DE]; Distelweg 11B, D-21682 Stade (DE). **FREY, Johann-Wilhelm** [DE/DE]; Goebenstrasse 5, D-21680 Stade (DE). **HAGEL, Manfred** [DE/DE]; Buchenweg 1, D-21709 Himmelpforten (DE).
- (74) Agent: **GOLDENER, Beatrice, E.**; Dow Europe S.A., Bachtobelstrasse 3, CH-8810 Horgen (CH).
- (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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, 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, IT, LU, MC, NL, 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
- 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: PROCESS FOR RECOVERING AN ADDUCT OF A BIS(4-HYDROXYARYL) ALKANE AND A PHENOLIC COMPOUND

(57) Abstract: A process for recovering a solid adduct of a bis(4-hydroxyaryl)alkane and a phenolic compound from a suspension comprising the adduct is disclosed. The process comprises the steps of a) supplying the suspension to a rotary filter, b) filtering the supplied suspension in the rotary filter to retain adduct as an adduct cake, c) pre-drying the adduct cake with an inert gas, d) washing the pre-dried adduct cake, e) optionally drying the washed adduct cake, and f) discharging the washed adduct cake from the rotary filter.

WO 2004/076394 A1