



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07C 51/14, 57/03, 51/48, 55/02, 55/14	A1	(11) International Publication Number: WO 99/28286 (43) International Publication Date: 10 June 1999 (10.06.99)
(21) International Application Number: PCT/NL98/00676 (22) International Filing Date: 30 November 1998 (30.11.98) (30) Priority Data: 97203754.3 1 December 1997 (01.12.97) EP (71) Applicants (for all designated States except US): DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TB Heerlen (NL). E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SMEETS, Theodorus, Maria [NL/NL]; Burg. Eussenstraat 6, NL-6181 BP Stein (NL). BOOGERS, Jeroen, Antonius, Franciscus [NL/NL]; Schamerweg 118, NL-6224 JK Maastricht (NL). (74) Agent: KLEIBORN, Paul, Erik; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: PROCESS TO SEPARATE RHODIUM FROM AN ORGANIC MIXTURE**(57) Abstract**

Process to separate rhodium from an organic starting mixture comprising of an organic solvent, C₆-dicarboxylic acids and iodide compounds, wherein rhodium is separated by extracting the organic starting mixture with an aqueous solvent containing C₆-dicarboxylic acids and an iodide compound resulting in an organic raffinate poor in rhodium and an aqueous extract rich in rhodium.

