

RTMP
copy

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07F 9/145, 9/24		A1	(11) International Publication Number: ✓ WO 97/33892
			(43) International Publication Date: 18 September 1997 (18.09.97)
(21) International Application Number: ✓ PCT/NL97/00115 (22) International Filing Date: ✓ 7 March 1997 (07.03.97) (30) Priority Data: 08/616,747 ✓ 15 March 1996 (15.03.96) US (71) Applicants (for all designated States except US): DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE 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): SNIJDER, Carina, Sacha [NL/NL]; Vogezenstraat 18, NL-6137 JR Sittard (NL). TEUNISSEN, Antonius, Jacobus, Josephus, Maria [NL/NL]; Van Ostadestraat 42, NL-6165 XM Geleen (NL). HANSEN, Carolina, Bernedette [NL/NL]; Rolandsweg 27A, NL-6136 BT Sittard (NL). SHARIPO, Rafael [US/US]; 1415 Fresno Road, Wilmington, DE 19803 (US). GARNER, James, Michael [US/US]; 815 N. Jackson #3, Wilmington, DE 19803 (US). (74) Agent: CRAMWINCKEL, Michiel; 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, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG SI, SK, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: PROCESS TO PREPARE A MULTIDENTATE PHOSPHITE COMPOUND

(57) Abstract

Process to prepare a multidentate phosphite compound according to general formula (1) in which n is 2-6, R is an n-valent organic group and R¹ and R² are fused aromatic ring systems with 2 or more rings, which rings are substituted on the ortho position relative to the oxygen atom only with hydrogen, by first preparing a phosphorochloridite compound from a R¹-OH and R²-OH alcohol compound and a phosphorus chloride compound and subsequently contacting the phosphorochloridite compound with an alcoholic compound according to R-(OH)_n, wherein the phosphorochloridite is prepared by performing the two steps in a solvent: a) contacting a compound with general formula (2) in which R³ and R⁴ are C₁-C₄ alkyl groups, with the R¹OH and R²OH compounds and b) contacting the resulting compound of step (a) which has formula (3) with HY, wherein Y represents a halogen atom.

