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(21) International Application Number: PCT/NL99/00426 (22) International Filing Date: 7 July 1999 (07.07.99) (30) Priority Data: 1009588 8 July 1998 (08.07.98) NL (71) Applicant (for all designated States except US): DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): KERSJES, Johanna, Gertruda [NL/NL]; Gaarstraat 25, NL-6121 HG Born (NL). KIERKELS, Renier, Henricus, Maria [NL/NL]; Veldstraat 12, NL-6099 AT Heel (NL). (74) Agent: VAN BOKHOVEN, Petrus, Hubertus, Maria; Oc- trooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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 With international search report.	
(54) Title: POLYPHOSPHATE SALT OF A 1,3,5-TRIAZINE COMPOUND WITH A HIGH DEGREE OF CONDENSATION AND ITS USE AS FLAME RETARDANT IN POLYMER COMPOSITIONS			
(57) Abstract Salt of a 1,3,5-triazine compound with polyphosphoric acid with a virtually linear structure, with the number average degree of condensation n being higher than 20, the content of the 1,3,5-triazine compound being higher than 1.1 mole per mole of phosphorus atom and the pH of a 10 % slurry in water being higher than 4.5. Further, a process for the preparation of the polyphosphate salt of a 1,3,5-triazine compound with a number average degree of condensation n that is higher than 20, by converting a 1,3,5-triazine compound with orthophosphoric acid at room temperature into the phosphate of the 1,3,5-triazine compound, after which this salt is converted at elevated temperature into a polyphosphate of the 1,3,5-triazine compound, and further flame retardant polymer compositions comprising the polyphosphate salt of a 1,3,5-triazine compound with a number average degree of condensation n higher than 20.			