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(21) International Application Number: ✓ PCT/NL97/00323 (22) International Filing Date: ✓ 6 June 1997 (06.06.97) (30) Priority Data: ✓ 9600513 ✓ 6 June 1996 (06.06.96) ✓ BE ✓ (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): ARNAUTS, Jan, Eugene, ✓ Frederic [BE/BE]; Lentedreef 22, B-3530 Houthalen (BE). NIJENHUIS, Ate, Jan [NL/NL]; Gangelstraat 2, NL-6132 HB Sittard (NL). VERSLUIS, Cornelis [NL/NL]; Brugstraat 13, NL-6171 ET Stein (NL). ABERSON, Rene [NL/NL]; Usselmondestraat 28, NL-6137 KD Sittard (NL). (74) Agent: ALFENAAR, Marinus; 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, <u>SG</u> 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 <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: ACID-DYEABLE FIBRE ✓ (57) Abstract The invention relates to an acid-dyeable polyamide fibre which can be obtained very reproducibly and unsusceptibly to faults during the production process. The fibre is characterized in that the amino end group content is less than 10 meq/kg. A very reproducible affinity for dyestuff is obtained by copolymerization of a compound containing an acidic end group and having a basic nature. Compounds derived from melamine are particularly suitable.		