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(21) International Application Number: ✓ PCT/NL96/00470 (22) International Filing Date: ✓ 28 November 1996 (28.11.96) (30) Priority Data: 1001784 ✓ 30 November 1995 (30.11.95) ✓ 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): VAN DEN ELSHOUT, Wilhelmus, Henricus, Hubertus, Antonius [NL/NL]; On- derstehof 9, NL-6132 SM Sittard (NL). AAGAARD, Olav, Marcus [NL/NL]; Vildershof 1, NL-6162 JM Geleen (NL). ✓ (74) Agent: DORRESTIJN, Antoon; 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, ARIPO patent (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> <i>In English translation (filed in Dutch).</i>
(54) Title: PROCESS FOR THE MANUFACTURE OF A COLOUR-MARKED OBJECT ✓ (57) Abstract Process for the manufacture of a colour-marked object by irradiating the surface of the object with laser light, characterized in that the object, at least at the location where the marking is applied, consists of a plastic composition which contains at least three light-absorbing components which exhibit a maximum in their light absorption spectra at different wavelengths and lose their light-absorbing capacity under the influence of laser light, with the marking being applied in the form of matrix dots by irradiating the object's surface at the location of the matrix dots with laser light of such wavelength and intensity and for such duration that at least one of the light-absorbing components has wholly or partially lost its light-absorbing capacity.		