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(21) International Application Number: PCT/NL98/00044 (22) International Filing Date: 22 January 1998 (22.01.98) (30) Priority Data: 08/805,829 26 February 1997 (26.02.97) US (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): OEVERING, Henk [NL/NL]; Burg. Bussenstraat 46, NL-6181 BR Stein (NL). ② BURKE, Patrick, Michael [US/US]; 4613 Tally Hill Lane, Wilmington, DE 19803 (US) ③ SIELCKEN, Otto, Erik [NL/NL]; Vliekstraat 4, NL-6136 BG Sittard (NL). (74) Agent: GEERTS, Johanna, Adriana, Maria; 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, 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, 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>
(54) Title: PROCESS TO PREPARE A PENTENOIC ACID DERIVATIVE (57) Abstract Process for the preparation of an alkyl pentenoate respectively an aryl pentenoate by contacting an alkoxy-butene respectively an aryloxy-butene compound with carbon monoxide in the presence of a catalyst system comprising palladium, a phosphorus ligand and an acid promotor, wherein the molar ratio of 3-alkoxy-1-butene to 1-alkoxy-2-butene, respectively the molar ratio of 3-aryloxy-1-butene to 1-aryloxy-2-butene, is higher than 4.		