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(21) International Application Number: PCT/EP00/01221 (22) International Filing Date: 14 February 2000 (14.02.00) (30) Priority Data: 09/270,376 16 March 1999 (16.03.99) US (71) Applicants: INFINEUM USA L.P. [US/US]; P.O. Box 710, Law Department, 1900 East Linden Avenue, Linden, NJ 07036 (US). INFINEUM UK LTD [GB/GB]; P.O. Box 1, Law Department, Milton Hill, Abingdon, Oxford, Oxford- shire OX13 6BB (GB). (72) Inventors: GARDINER, James, M.; 10 Orchard Close, Char- ney Bassett, Wantage, Oxfordshire OX12 0EP (GB). LAP- INAS, Arunas, T.; 9 Shy Creek Road, Pittstown, NJ 08867 (US). BLOCH, Ricardo, Alfredo; 1532 Ashbrook Drive, Scotch Plains, NJ 07076 (US). MARTELLA, David, John; 11F Brookline Court, Princeton, NJ 08540 (US). AL- VARINO, Ariel; 39 Commonwealth Road, Kenilworth, NJ 07033 (US). REDPATH, John, Vincent; 393 Willowbrook Drive, North Brunswick, NJ 08902 (US). MCKEOWN, Steven, M.; Apt 6307, 3805 West Alabama St, Houston, TX 77027 (US).	(74) Agent: MANSELL, Keith, Rodney; Law Department, Infineum UK Ltd, P.O. Box 1, Milton Hill, Abingdon, Oxfordshire OX13 6BB (GB). (81) Designated States: BR, CA, JP, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: IMPROVED PROCESS FOR PRODUCING FREE RADICAL POLYMERIZED COPOLYMERS (57) Abstract Process for the copolymerization of free radical polymerizable comonomers such as vinyl acetate with an unsaturated diester such as dialkyl fumarate which is carried out in the presence of water to produce copolymers such as fumarate vinyl acetate copolymers useful as lubricating oil and fuel oil additives, for example, as wax crystal modifiers and flow improvers.		