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(21) International Application Number: PCT/IB97/00289 (22) International Filing Date: 24 March 1997 (24.03.97) (30) Priority Data: 08/623,722 29 March 1996 (29.03.96) US (71) Applicant: RHONE-POULENC INC. [US/US]; Prospect Plains Road, Cranbury, NJ 08512 (US). <i>See PCT/IB/2006</i> (72) Inventor: YUNLU, Kenan; 526 Sayre Drive, Princeton, NJ 08540 (US). (74) Agents: SHEDDEN, John, A. et al.; Rhone-Poulenc Inc., Building N, Prospect Plains Road, Cranbury, NJ 08512 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: SYNTHESIS OF SOLID, POWDERY RARE EARTH CARBOXYLATES BY A PRECIPITATION METHOD (57) Abstract The invention relates to the production of solid, powdery carboxylates of Rare Earth elements, particularly Nd, La, Pr, and Ce, where the ligands coordinated to the metal are preferably long chain, branched carboxylic acids, most preferably 2-ethylhexanoic, neodecanoic (versatic) and naphthenic acids. The process involves batch precipitation under controlled pH and temperature conditions of the product by utilizing Rare Earth water soluble salts, preferably Rare Earth nitrates, and salts of the carboxylic acid and washing the product with water, alcohol, water and alcohol mixtures or combinations thereof.		