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(21) International Application Number: PCT/EP99/00938 (22) International Filing Date: 11 February 1999 (11.02.99) (30) Priority Data: 09/021,839 11 February 1998 (11.02.98) US 01/234,567 9 February 1999 (09.02.99) US (71) Applicant: AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). (72) Inventors: STAMIREN, Dennis; 6 Rockingham Drive, New- port Beach, CA 92660 (US). BRADY, Mike; 4248 Rhodes Avenue, Studio City, CA 91604 (US). JONES, William; 56 Lantree Crescent, Cambridge CB2 2NJ (GB). KOOLI, Fafih; 4-209-313, Asuma, Tsukuba, 305-0031 (JP). (74) Agent: SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL).		(81) Designated States: CA, CN, JP, 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: PROCESS FOR PRODUCING ANIONIC CLAY USING TWO TYPES OF ALUMINA COMPOUNDS (57) Abstract This patent describes an economical and environment-friendly process for the synthesis of anionic clays with carbonate and/or hydroxide anions as the charge-balancing interlayer species. It involves reacting a slurry comprising an aluminium source and a magnesium source, the aluminium source comprising two types of aluminium-containing compounds, preferably aluminium trihydrate and/or thermally treated calcined aluminium trihydrate. There is no necessity to wash or filter the product. It can be spray dried directly to form microspheres or can be extruded to form shaped bodies. The product can be combined with other ingredients in the manufacture of catalysts, absorbents, pharmaceuticals, cosmetics, detergents, and other commodity products.		