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(54) Title: THERMALLY STABLE ALUMINUM TRIHYDROXIDE PARTICLES PRODUCED BY SPRAY DRYING WITH SUBSEQUENT DRY-MILLING AND THEIR USE

(57) Abstract: The present invention relates to a novel process for the production of aluminum hydroxide flame retardants having improved thermal stability, the aluminum hydroxide particles produced therefrom, the use of the aluminum hydroxide particles produced therefrom in flame retarded polymer formulations, and molded or extruded articles made from the flame retarded polymer formulations.

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