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[54] **ELECTROPHORETIC DISPLAY PARTICLES AND A PROCESS FOR THEIR PREPARATION**

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[58] **Field of Search** 252/500, 518, 520; 350/357; 313/385; 427/213.3, 216, 221; 428/402.21, 402.22, 402.24; 523/205, 211

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[57] **ABSTRACT**

A process for producing particles for use in electrophoretic displays, wherein a heavy, solid pigment preferred for its high contrast or refractive index properties is coated with a polymer starting material. The process significantly reduces the specific density of the resultant particle, and creates particles with smooth polymer surfaces that can be chosen for stability in a given electrophoretic carrier fluid, and possess acceptable electrophoretic characteristics.

10 Claims, No Drawings