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[54] **ELECTRICALLY CONDUCTIVE COMPOSITION AND ELEMENTS CONTAINING SOLUBILIZED POLYANILINE COMPLEX AND SOLVENT MIXTURE**

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[58] **Field of Search** 252/500, 518, 252/519; 528/422, 423; 524/80, 104, 173, 379

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[57] **ABSTRACT**

Electrically conductive elements, such as imaging elements, can be prepared by applying electrically conductive coating compositions to a suitable support. The coating compositions include a polyaniline-protonic counter-ion complex in a first solvent that has certain Hansen solubility parameters, and a film-forming binder in a second common coating solvent. The total solids in the coating composition is less than or equal to about 10 weight %, and the weight ratio of the binder to the complex is at least about 1:1. Under these formulation conditions, the polyaniline protonic counter-ion complex is solubilized, rather than being in dispersed form, and is readily applied to form a thin, relatively transparent, electrically conductive film. Antistatic layers of photographic elements can be prepared in this manner.

15 Claims, No Drawings