ABSTRACT

METHOD AND APPARATUS FOR FORMING PATTERNED COATED FILMS

An electro-luminescent device (100) such as a photovoltaic cell or an OLED. The electro-luminescent device (100) comprises at least one electrode (110) and an electro-luminescent layer (120) disposed on the electrode (110). The électroluminescent layer (120) comprises an electro-luminescent polymeric material and has a first pattern (130) disposed on a surface adjacent to the electrode (110). The electroluminescent layer (120) has a substantially uniform thickness. An apparatus and method of uniformly patterning such electro-luminescent layer or layers (1200) by solvating and wiping in a tangential direction (210) are also disclosed.

Figures 6 and 7B