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(54) Title: METHOD FOR FABRICATING A FILM

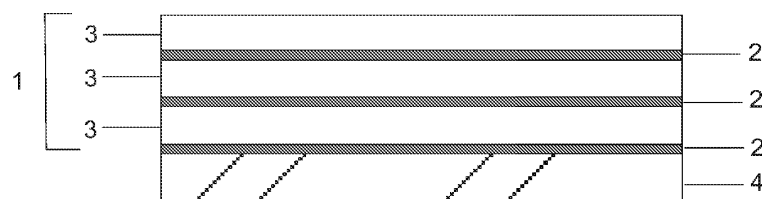


Fig. 1

(57) Abstract: A method for fabricating a film comprising at least one polymer layer, formed of polyazulene, or of a copolymer, wherein one of the monomers is azulene, or of any combination thereof, wherein the film is situated on at least one surface of a substrate, is disclosed. The method comprises the steps of: a) forming an oxidant layer on a deposition surface by applying a solution comprising an oxidant on the deposition surface; b) forming a polymer layer formed of polyazulene, or of a copolymer, wherein one of the monomers is azulene, or of any combination thereof, by exposing the deposition surface to at least azulene monomer vapour at a polymerization temperature of 20 – 95 °C under atmospheric pressure, wherein step a) precedes step b), and wherein, during step b), the temperature of the deposition surface differs from the polymerization temperature by 0 – 30 °C.

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