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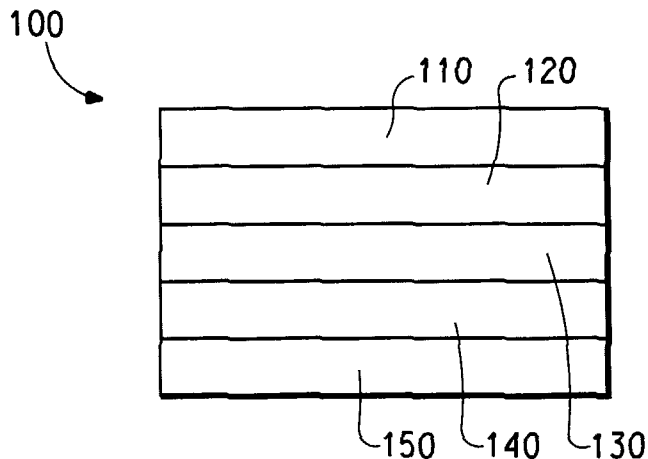
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(54) Title: METHODS FOR DIRECTLY PRODUCING STABLE AQUEOUS DISPERSIONS OF ELECTRICALLY CONDUCT-
ING POLYANILINES



(57) Abstract: Methods are provided for directly
producing a stable aqueous dispersion of an electrically
conducting polyaniline, comprising synthesizing an
electrically conducting polyaniline in the presence of
a polymeric acid in aqueous solution, thereby forming
an as-synthesized aqueous dispersion comprising the
electrically conducting polyaniline and the polymeric
acid, and contacting the as-synthesized aqueous
dispersion with at least one ion exchange resin under
conditions suitable to produce a stable aqueous
dispersion of an electrically conducting polyaniline.
Aqueous dispersions produced by the methods of the
invention are useful for preparing buffer layers for use
in electroluminescent (EL) devices.