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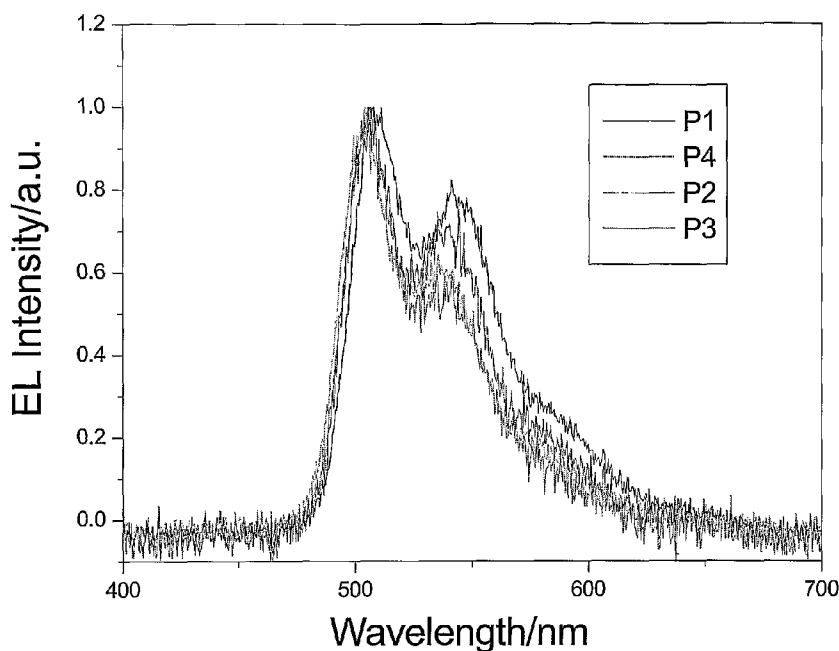
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(54) Title: POLY(ARYLENEVINYLENE) AND POLY(HETEROARYLENEVINYLENE) LIGHT EMITTING POLYMERS
AND POLYMER LIGHT-EMITTING DEVICES



(57) Abstract: The invention provides novel luminescent poly(arylenevinylene) and poly(heteroarylenevinylene) polymers. The polymers of the invention may be prepared as films and such films may be used as an emissive layer in polymeric light emitting devices. In one embodiment, a bulky aryl group is attached at position (2) of at least one phenylene ring of a poly(phenylenevinylene) backbone. In another embodiment, the bulky aryl is attached at position 3 of at least one 5-membered heteroarylene ring of a poly(heteroarylenevinylene) backbone.

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