

Title (en)  
POLY(ARYL VINYLENE)S

Title (de)  
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Title (fr)  
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Publication  
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Application  
**EP 98942931 A 19980915**

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Abstract (en)  
[origin: WO9914255A1] Poly(9,10-anthrylene vinylene)s, including substituted derivatives thereof, preferably having in excess of seven anthrylene units in each polymer chain are synthesised by polymerising a dibenzobarrelenes using a metal catalysed ring-opening olefin metathesis polymerization (ROMP) reaction under oxygen-free conditions. The anthrylene units in the resulting poly(9,10-dihydro-9,10-anthrylene vinylene) may be totally or partially 9,10-dehydrogenated using heat or an oxidising agent such as DDQ.

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