

Title (en)

Thermosetting compositions based on polyarylacetylenes and substituted polyphenylene oxides and resins obtained by curing them.

Title (de)

Durch Wärme härtbare Zusammensetzungen bestehend aus Polyarylacetylenen und substituierten Polyphenylenoxyden und durch ihre Härtung erhaltene Harze.

Title (fr)

Compositions thermodurcissables comprenant un polyarylacétylène et un polyoxyde de phénylène substitué et résines obtenues par leur durcissement.

Publication

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Application

**EP 78100334 A 19780707**

Priority

US 81405377 A 19770708

Abstract (en)

This invention relates to poly(arylacetylene) thermosetting compositions and thermoset resins prepared therefrom. The thermosetting compositions comprise a poly(phenylene oxide) and a polycetylenically unsaturated prepolymer of a polyacetylenically substituted aromatic compound such as diethynylbenzene. The prepolymer has a number average molecular weight of about 900 to about 12,000 and contains from about 5 to about 20% by weight of terminal acetylenic groups. A representative poly(phenylene oxide) is poly-(2, 6-dimethyl-1, 4-phenylene oxide).

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IPC 8 full level

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CPC (source: EP US)

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[A] US 3931093 A 19760106 - DEL NERO JOSEPH HENRY

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