

Title (en)

THERMOSETTING COMPOSITIONS BASED ON POLYARYLACETYLENES AND SUBSTITUTED POLYPHENYLENE OXIDES AND RESINS OBTAINED BY CURING THEM

Publication

**EP 0000385 B1 19810826 (EN)**

Application

**EP 78100334 A 19780707**

Priority

US 81405377 A 19770708

Abstract (en)

[origin: EP0000385A1] 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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