

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).

IPC 1-7
C08L 49/00; **C08L 65/00**; **C08L 65/02**

IPC 8 full level
C08G 61/10 (2006.01); **C08L 49/00** (2006.01); **C08L 65/00** (2006.01); **C08L 65/02** (2006.01)

CPC (source: EP US)
C08G 61/10 (2013.01 - EP US); **C08L 49/00** (2013.01 - EP US); **C08L 65/00** (2013.01 - EP US); **C08L 65/02** (2013.01 - EP US);
C08G 2261/312 (2013.01 - EP US)

Cited by
EP0420141A3; FR2579213A1; EP0209658A3; US11970591B2; WO2020132859A1

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
EP 0000385 A1 19790124; **EP 0000385 B1 19810826**; DE 2860977 D1 19811119; US 4144218 A 19790313

DOCDB simple family (application)
EP 78100334 A 19780707; DE 2860977 T 19780707; US 81405377 A 19770708