

Title (en)

Melt processable resorcinol-phthalate polyesters and process for their preparation.

Title (de)

Verfahren zur Herstellung von in der Schmelz verarbeitbaren Resorcinphthalatpolyestern.

Title (fr)

Procédé de préparation de phthalates de polyrésorcinol se prêtant au façonnage à l'état fondu.

Publication

**EP 0000832 A1 19790221 (EN)**

Application

**EP 78300244 A 19780803**

Priority

US 82257977 A 19770808

Abstract (en)

A melt processable resorcinol phthalate polyester having a terephthalic acid content not greater than about 30 mole percent is prepared by a two-stage process utilizing an alkali or alkaline earth metal acetate catalyst. The first stage yields a non-volatile pre-polymer which is then melt polymerized to the resorcinol phthalate polyester. A process for preparing a melt processable resorcinol phthalate polyester from resorcinol by reacting it with an acetylating agent is also disclosed. The resulting polyester exhibits high char and low flammability in addition to being melt processable.

IPC 1-7

**C08G 63/18**; **C08G 63/30**

IPC 8 full level

**C08G 63/19** (2006.01); **C08G 63/83** (2006.01)

CPC (source: EP US)

**C08G 63/19** (2013.01 - EP US); **C08G 63/83** (2013.01 - EP US)

Citation (search report)

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