

Title (en)

UNSATURATED POLYESTER RESINS FLAME RETARDED BY MELAMINE AND PHOSPHORUS COMPOUNDS

Title (de)

UNGESÄTTIGTE POLYESTERHARZE, FLAMMGEHEMMT DURCH MELAMIN- UND PHOSPHORVERBINDUNGEN

Title (fr)

RESINES POLYESTER INSATUREES IGNIFUGEES AU MOYEN DE COMPOSES A BASE DE MELAMINE ET DE PHOSPHORE

Publication

EP 0882091 A1 19981209 (EN)

Application

EP 97904653 A 19970219

Priority

- NL 9700076 W 19970219
- US 61547196 A 19960220

Abstract (en)

[origin: WO9731056A1] A flame retarded thermosetting resin composition comprising (A) an unsaturated polyester resin and (B) a vinyl monomer copolymerizable with said resin (A), further comprising an effective flame retardant amount of (C) melamine and (D) a phosphorus compound, and substantially free of halogen and an unesterified polyol. The composition is self-extinguishing, exhibits low smoke evolution upon ignition and has a low density.

IPC 1-7

C08K 5/3492; C08L 67/06; C08K 5/49; C08K 3/32

IPC 8 full level

C08K 5/3492 (2006.01); **C08K 5/49** (2006.01)

CPC (source: EP)

C08K 5/34922 (2013.01); **C08K 5/49** (2013.01)

Citation (search report)

See references of WO 9731056A1

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