

Title (en)

HEAT STABILIZED, FLAME RETARDANT THERMOPLASTIC POLYMER COMPOSITIONS

Title (de)

THERMOSTABILE, FLAMMHEMMENDE THERMOPLASTISCHE POLYMER-ZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS POLYMERES THERMOPLASTIQUES IGNIFUGES STABILISEES THERMIQUEMENT

Publication

**EP 0932644 A1 19990804 (EN)**

Application

**EP 97941025 A 19970911**

Priority

- US 9716056 W 19970911
- US 73142096 A 19961015

Abstract (en)

[origin: WO9816579A1] Heat stabilized, flame retardant polymer compositions include a halogen based flame retardant such as hexabromocyclododecane, zeolite A heat stabilizer, and a transition metal compound such as a zinc stearate lubricant. The compositions are stable at high temperatures even when subjected to multiple heating processes and also have unique polymer foam forming properties when compared with compositions containing a different heat stabilizer.

IPC 1-7

**C08K 13/02**; **C08L 25/02**; **C08J 3/22**

IPC 8 full level

**C08J 3/22** (2006.01); **C08K 3/00** (2006.01); **C08K 3/34** (2006.01); **C08K 5/00** (2006.01); **C08K 5/02** (2006.01); **C08K 5/098** (2006.01); **C08L 25/04** (2006.01); **C08L 25/06** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP)

**C08J 3/226** (2013.01); **C08K 3/34** (2013.01); **C08K 5/0066** (2013.01); **C08K 5/02** (2013.01); **C08K 5/098** (2013.01); **C08L 25/06** (2013.01); **C08J 2425/00** (2013.01)

Citation (search report)

See references of WO 9816579A1

Cited by

EP1355857A4

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

**WO 9816579 A1 19980423**; CA 2264003 A1 19980423; EP 0932644 A1 19990804; JP 2001504527 A 20010403

DOCDB simple family (application)

**US 9716056 W 19970911**; CA 2264003 A 19970911; EP 97941025 A 19970911; JP 51833998 A 19970911