

Title (en)

FLAME RETARDANT COMPOSITIONS OF PHOSPHINIC ACID SALTS AND NITROXYL DERIVATIVES

Title (de)

FLAMMHEMMENDE ZUSAMMENSETZUNGEN AUS PHOSPHINSÄURESALZEN UND NITROXYLDERIVATEN

Title (fr)

COMPOSITIONS IGNIFUGES À BASE DE SELS D'ACIDES PHOSPHINIQUES ET DE DÉRIVÉS DE NITROXYLE

Publication

**EP 2550321 A1 20130130 (EN)**

Application

**EP 11709427 A 20110323**

Priority

- EP 10157805 A 20100325
- US 31731010 P 20100325
- EP 2011054387 W 20110323
- EP 11709427 A 20110323

Abstract (en)

[origin: WO2011117266A1] The present invention relates to flame retardant polymer compositions which comprise mixtures of salts of phosphinic acids and 2,2,6,6-tetraalkylpiperidines. The mixtures are especially useful for the manufacture of flame retardant compositions based on thermoplastic polymers.

IPC 8 full level

**C08K 5/34** (2006.01); **C08K 5/00** (2006.01); **C08K 5/5313** (2006.01); **C08L 23/12** (2006.01)

CPC (source: EP KR)

**C08K 5/0066** (2013.01 - EP KR); **C08K 5/32** (2013.01 - KR); **C08K 5/34** (2013.01 - EP); **C08K 5/34922** (2013.01 - KR); **C08K 5/5313** (2013.01 - EP KR); **C08L 23/00** (2013.01 - KR); **C08L 2666/84** (2013.01 - KR)

Citation (search report)

See references of WO 2011117266A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011117266 A1 20110929**; CN 102834445 A 20121219; EP 2550321 A1 20130130; JP 2013523904 A 20130617; JP 5615425 B2 20141029; KR 20120135428 A 20121213; KR 20150024901 A 20150309; RU 2012145171 A 20140427; TW 201202325 A 20120116

DOCDB simple family (application)

**EP 2011054387 W 20110323**; CN 201180015354 A 20110323; EP 11709427 A 20110323; JP 2013500478 A 20110323; KR 20127027987 A 20110323; KR 20157001653 A 20110323; RU 2012145171 A 20110323; TW 100110231 A 20110324