

Title (en)
POLYMER BLENDS CONTAINING PHOSPHATES

Title (de)
POLYMERGEMISCHE MIT PHOSPHATEN

Title (fr)
MELANGES POLYMERES COMPRENANT DES PHOSPHATES

Publication
EP 1263865 A1 20021211 (DE)

Application
EP 01919312 A 20010220

Priority
• DE 10010428 A 20000303
• EP 0101872 W 20010220

Abstract (en)
[origin: DE10010428A1] Thermoplastic polycarbonate composition includes a hydroxylic mold release agent, a monomeric phosphorus compound (I) and an oligomeric phosphorus compound (II). Independent claims are also included for the following: (1) a shaped product made from a thermoplastic polycarbonate composition including a hydroxylic mold release agent and a special mixture of phosphorus compounds; (2) a mixture comprising 10-90 wt.% of a compound of formula (Ia) and 10-90 wt.% of a compound of formula (IIa): $R_{<1>-R_{<3>}} = 1-8C$ alkyl, 6-20C aryl or 7-12C aralkyl; m, n = 0 or 1; $R_{<4>-R_{<7>}} = 1-8C$ alkyl, 5-6C cycloalkyl, 6-10C aryl or 7-12C aralkyl; k = 1-5; l = 0 or 1; X = 6-30C aryl.
[origin: DE10010428A1] Thermoplastic polycarbonate composition includes a hydroxylic mold release agent, a monomeric phosphorus compound (I) and an oligomeric phosphorus compound (II). Independent claims are also included for the following: (1) a shaped product made from a thermoplastic polycarbonate composition including a hydroxylic mold release agent and a special mixture of phosphorus compounds; (2) a mixture comprising 10-90 wt.% of a compound of formula (Ia) and 10-90 wt.% of a compound of formula (IIa): [Image] $R_{1>-R_{3>}} = 1-8C$ alkyl, 6-20C aryl or 7-12C aralkyl; m, n : 0 or 1; $R_{4>-R_{7>}} = 1-8C$ alkyl, 5-6C cycloalkyl, 6-10C aryl or 7-12C aralkyl; k : 1-5; l : 0 or 1; X : 6-30C aryl.

IPC 1-7
C08K 5/521; **C08K 5/523**; **C08K 5/103**; **C08L 69/00**; **G11B 7/26**

IPC 8 full level
C08J 5/00 (2006.01); **C08K 5/103** (2006.01); **C08K 5/49** (2006.01); **C08K 5/521** (2006.01); **C08L 69/00** (2006.01); **G11B 7/245** (2006.01); **G11B 7/2534** (2013.01); **G11B 7/26** (2006.01)

CPC (source: EP KR US)
C08K 5/103 (2013.01 - EP KR US); **C08K 5/49** (2013.01 - EP KR US); **C08L 69/00** (2013.01 - KR); **G11B 7/2534** (2013.01 - EP KR US); **G11B 7/26** (2013.01 - EP KR US)

Citation (search report)
See references of WO 0164781A1

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