

Title (en)
FLAME-RESISTANT POLYESTER MOLDING MATERIALS CONTAINING HYDROTALCITE, RED PHOSPHORUS AND MELAMINE CYANURATE

Title (de)
FLAMMFESTE POLYESTERFORMMASSEN MIT HYDROTALCIT, ROTEM PHOSPHOR UND MELAMINCYANURAT

Title (fr)
MATIERES POLYESTER A MOULER RESISTANTES AUX FLAMMES CONTENANT DE L'HYDROTALCITE, DU PHOSPHORE ROUGE ET DU CYANURATE DE MELAMINE

Publication
EP 1406965 A1 20040414 (DE)

Application
EP 02740718 A 20020614

Priority
• DE 10130831 A 20010627
• EP 0206555 W 20020614

Abstract (en)
[origin: WO03002650A1] The invention relates to a halogen-free, flame-protected polyester molding materials having good nonflammable characteristics, especially in thin-walled formed parts containing red phosphorus, compounds containing nitrogen and small amounts of hydrotalcite. The invention also relates to the use of said shaped parts in the production of shaped bodies, foils or fibers and to said shaped bodies, foils or fibers.

IPC 1-7
C08K 13/02; **C08K 11/00**; **C08L 67/00**

IPC 8 full level
C08L 67/00 (2006.01); **C08K 3/02** (2006.01); **C08K 3/26** (2006.01); **C08K 5/16** (2006.01); **C08K 5/3477** (2006.01); **C08L 69/00** (2006.01); **D01F 6/92** (2006.01)

CPC (source: EP KR US)
C08K 3/02 (2013.01 - EP US); **C08K 3/26** (2013.01 - EP US); **C08K 5/16** (2013.01 - EP US); **C08K 13/02** (2013.01 - KR); **C08K 2003/026** (2013.01 - EP US)

Citation (search report)
See references of WO 03002650A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03002650 A1 20030109; BR 0210669 A 20041005; CA 2452025 A1 20030109; CN 1216094 C 20050824; CN 1522278 A 20040818; DE 10130831 A1 20030116; EP 1406965 A1 20040414; JP 2004530784 A 20041007; KR 20040024567 A 20040320; MX PA03011396 A 20040701; US 2003018108 A1 20030123; US 6649674 B2 20031118

DOCDB simple family (application)
EP 0206555 W 20020614; BR 0210669 A 20020614; CA 2452025 A 20020614; CN 02813165 A 20020614; DE 10130831 A 20010627; EP 02740718 A 20020614; JP 2003509024 A 20020614; KR 20037016954 A 20031226; MX PA03011396 A 20020614; US 17845102 A 20020624