

Title (en)
A POLYCARBONATE OR POLYESTER CARBONATE COMPRISING AN OPTICAL BRIGHTENER

Title (de)
EIN POLYCARBONAT ODER POLYESTERCARBONAT ENTHALTEND OPTISCHE AUFHELLER

Title (fr)
POLYCARBONATE OU POLYESTERCARBONATE CONTENANT DES AZURANTS OPTIQUES

Publication
EP 1549709 A1 20050706 (DE)

Application
EP 03757858 A 20030917

Priority
• DE 10245705 A 20020930
• EP 0310325 W 20030917

Abstract (en)
[origin: US2004063821A1] A thermoplastic molding composition characterized by its optical brightness and good weathering resistance is disclosed. The composition contains a poly(ester) carbonate an optical brightener conforming to where R<1>, R<2>, R<3> >R<4>, R<5> >and R<6> >independently denote H, alkyl, aryl, heteroaryl or halogen, or where R<1>, R<2>, R<3>, R<4>, R<5>, R<6> >and R<7> >mutually independently stand for H, alkyl, aryl, heteroaryl, halogen or a cyano group.

IPC 1-7
C08K 5/34; **C08L 69/00**

IPC 8 full level
C08K 5/34 (2006.01); **C08K 5/3417** (2006.01); **C08K 5/3475** (2006.01)

CPC (source: EP KR US)
C08K 5/34 (2013.01 - KR); **C08K 5/3417** (2013.01 - EP US); **C08K 5/3475** (2013.01 - EP US)

Citation (search report)
See references of WO 2004031285A1

Designated contracting state (EPC)
DE ES FR GB IT NL

DOCDB simple family (publication)
US 2004063821 A1 20040401; **US 7265170 B2 20070904**; AU 2003273894 A1 20040423; BR 0314929 A 20050802; CA 2500290 A1 20040415; CN 1685002 A 20051019; DE 10245705 A1 20040401; EP 1549709 A1 20050706; JP 2006501336 A 20060112; KR 20050086418 A 20050830; MX PA05003296 A 20050705; RU 2005113171 A 20051027; TW 200420642 A 20041016; TW I309664 B 20090511; WO 2004031285 A1 20040415

DOCDB simple family (application)
US 66942303 A 20030924; AU 2003273894 A 20030917; BR 0314929 A 20030917; CA 2500290 A 20030917; CN 03822676 A 20030917; DE 10245705 A 20020930; EP 0310325 W 20030917; EP 03757858 A 20030917; JP 2004540631 A 20030917; KR 20057005384 A 20050329; MX PA05003296 A 20030917; RU 2005113171 A 20030917; TW 92126765 A 20030929