

Title (en)

USE OF ZWITTERIONIC COMPOUNDS AS MOLD-RELEASE AGENTS IN THERMOPLASTIC MATERIALS

Title (de)

VERWENDUNG VON ZWITTERIONISCHEN VERBINDUNGEN ALS ENTFORMUNGSMITTEL IN THERMOPLASTEN

Title (fr)

UTILISATION DE COMPOSES ZWITTERIONIQUES COMME AGENTS DE DEMOULAGE DANS DES MATIERES THERMOPLASTIQUES

Publication

EP 1373398 A1 20040102 (DE)

Application

EP 02706756 A 20020306

Priority

- DE 10113168 A 20010319
- EP 0202427 W 20020306

Abstract (en)

[origin: WO02074848A1] The invention relates to the use of zwitterionic compounds as mold-release agents in thermoplastic materials, and to thermoplastic molding compounds provided therewith that have good mold-release properties, as well as to molded articles produced from said molding compounds.

IPC 1-7

C08K 5/42; C08L 69/00; B29C 33/60

IPC 8 full level

B29C 33/60 (2006.01); **C08K 5/19** (2006.01); **C08K 5/42** (2006.01); **C08K 5/50** (2006.01); **C08L 69/00** (2006.01); **C08L 101/00** (2006.01); **C09K 3/00** (2006.01)

CPC (source: EP KR US)

B29C 33/60 (2013.01 - EP US); **C08K 5/42** (2013.01 - EP KR US)

Citation (search report)

See references of WO 02074848A1

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 02074848 A1 20020926; CN 1244622 C 20060308; CN 1498247 A 20040519; DE 10113168 A1 20020926; EP 1373398 A1 20040102; HK 1066020 A1 20050311; JP 2004530744 A 20041007; JP 4204323 B2 20090107; KR 100846287 B1 20080716; KR 20030086608 A 20031110; TW I299343 B 20080801; US 2002173567 A1 20021121; US 6737457 B2 20040518

DOCDB simple family (application)

EP 0202427 W 20020306; CN 02806896 A 20020306; DE 10113168 A 20010319; EP 02706756 A 20020306; HK 04108958 A 20041112; JP 2002573850 A 20020306; KR 20037012140 A 20030918; TW 91105016 A 20020318; US 9656102 A 20020313