

Title (en)  
THERMOPLASTIC BLENDS EXHIBITING AN IMPROVED LOW-TEMPERATURE STRENGTH

Title (de)  
THERMOPLASTISCHE BLENDS MIT VERBESSERTER TIEFTEMPERATURZÄHIGKEIT

Title (fr)  
MELANGES THERMOPLASTIQUES A RESISTANCE RENFORCEE AUX BASSES TEMPERATURES

Publication  
**EP 1334152 A1 20030813 (DE)**

Application  
**EP 01980504 A 20011022**

Priority  
• DE 10054274 A 20001102  
• EP 0112161 W 20011022

Abstract (en)  
[origin: WO0236684A1] The invention relates to a graft polymer composition based on acrylonitrile/ethylene- alpha -olefin-rubber/styrene, in particular, acrylonitrile/EPDM/styrene (AES) having an additive that increases, in a specified manner, the soft phase portion in the composition. Said graft polymer composition enables the production of shaped bodies that exhibit an improved strength at low temperatures, whereby the melt volume flow rate remains essentially unchanged due to the provision of said additive.

IPC 1-7  
**C08L 51/04**; **C08L 51/06**; **C08L 55/00**

IPC 8 full level  
**C08K 3/00** (2006.01); **C08K 5/09** (2006.01); **C08K 5/49** (2006.01); **C08L 23/16** (2006.01); **C08L 25/12** (2006.01); **C08L 51/04** (2006.01); **C08L 51/06** (2006.01); **C08L 67/02** (2006.01); **C08L 69/00** (2006.01); **C08L 77/00** (2006.01)

CPC (source: EP KR US)  
**C08L 51/04** (2013.01 - EP KR US); **C08L 51/06** (2013.01 - EP US)

C-Set (source: EP US)  
1. **C08L 51/04** + **C08L 2666/14**  
2. **C08L 51/04** + **C08L 2666/02**  
3. **C08L 51/06** + **C08L 2666/14**  
4. **C08L 51/06** + **C08L 2666/02**

Citation (search report)  
See references of WO 0236684A1

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 0236684 A1 20020510**; AR 031045 A1 20030903; AU 1233402 A 20020515; BR 0115113 A 20040127; CA 2427480 A1 20020510; CN 1245449 C 20060315; CN 1484673 A 20040324; DE 10054274 A1 20020508; EP 1334152 A1 20030813; JP 2004524382 A 20040812; KR 20030053523 A 20030628; MX PA03003860 A 20040420; RU 2003116511 A 20041127; TW I278485 B 20070411; US 2006235123 A1 20061019; US 7135510 B2 20061114

DOCDB simple family (application)  
**EP 0112161 W 20011022**; AR P010104997 A 20011025; AU 1233402 A 20011022; BR 0115113 A 20011022; CA 2427480 A 20011022; CN 01821711 A 20011022; DE 10054274 A 20001102; EP 01980504 A 20011022; JP 2002539434 A 20011022; KR 20037006069 A 20030501; MX PA03003860 A 20011022; RU 2003116511 A 20011022; TW 90126823 A 20011030; US 3314301 A 20011026