

Title (en)

POLY(ARYLENE ETHER) BLOCK COPOLYMER COMPOSITIONS, METHODS, AND ARTICLES

Title (de)

POLY(ARYLENETHER)-BLOCKPOLYMER-ZUSAMMENSETZUNGEN, VERFAHREN UND ARTIKEL

Title (fr)

COMPOSITIONS DE COPOLYMERES SEQUENCE POLY(ETHER D'ARYLENE), PROCEDES ET ARTICLES CORRESPONDANTS

Publication

EP 2032628 A2 20090311 (EN)

Application

EP 07751152 A 20070220

Priority

- US 2007004372 W 20070220
- US 77854006 P 20060302
- US 42433706 A 20060615
- US 42434706 A 20060615
- US 42435806 A 20060615
- US 42437406 A 20060615

Abstract (en)

[origin: WO2007106296A2] Poly(arylene ether) block copolymers and methods for their preparation are provided. The block copolymers include structural units derived from a poly(arylene ether), an activated aromatic carbonate, and a polymer that is a poly(alkylene ether), a hydroxy-terminated polyester, a hydroxyaryl-terminated polysiloxane, or a polycarbonate comprising repeating units derived from a hydroquinone.

IPC 8 full level

C08G 81/00 (2006.01); **C08G 64/18** (2006.01); **C08G 65/40** (2006.01); **C08G 65/48** (2006.01); **C08G 77/46** (2006.01); **C08L 61/02** (2006.01); **C08L 71/12** (2006.01); **C09D 17/00** (2006.01); **C09D 171/12** (2006.01)

CPC (source: EP)

C08G 64/183 (2013.01); **C08G 64/186** (2013.01); **C08G 77/46** (2013.01); **C08G 81/00** (2013.01); **C08L 53/00** (2013.01); **C08L 61/02** (2013.01)

C-Set (source: EP)

1. **C08L 53/00** + **C08L 2666/02**
2. **C08L 53/00** + **C08L 2666/14**
3. **C08L 61/02** + **C08L 2666/24**

Citation (search report)

See references of WO 2007106296A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007106296 A2 20070920; **WO 2007106296 A3 20090205**; EP 2032628 A2 20090311; JP 2009528428 A 20090806

DOCDB simple family (application)

US 2007004372 W 20070220; EP 07751152 A 20070220; JP 2008557292 A 20070220