

Title (en)

POLY(ARYLENE ETHER) COMPOSITION, METHOD, AND ARTICLE

Title (de)

POLY(ARYLENETHER)-ZUSAMMENSETZUNG SOWIE VERFAHREN DAFÜR UND ARTIKEL DARAUS

Title (fr)

COMPOSITION DE POLY(ARYLENE ETHER), PROCEDE ET ARTICLE ASSOCIES

Publication

**EP 2061836 A1 20090527 (EN)**

Application

**EP 07840530 A 20070726**

Priority

- US 2007074432 W 20070726
- US 53213506 A 20060915
- US 53214606 A 20060915

Abstract (en)

[origin: WO2008033611A1] A curable composition includes an epoxy resin and a bifunctional poly(arylene ether) having an intrinsic viscosity of about 0.03 to about 0.2 deciliter per gram. After curing, the composition exhibits markedly improved impact strength relative to a corresponding composition prepared from mono functional poly(arylene ether). The composition is particularly useful for preparing electronic laminates, prepregs, and circuit boards.

IPC 8 full level

**C08L 63/00** (2006.01); **C08L 71/12** (2006.01)

CPC (source: EP)

**C08G 59/621** (2013.01); **C08L 63/00** (2013.01); **C08L 71/12** (2013.01); **H05K 1/0326** (2013.01)

C-Set (source: EP)

1. **C08L 63/00** + **C08L 2666/22**
2. **C08L 71/12** + **C08L 2666/14**

Citation (search report)

See references of WO 2008033611A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008033611 A1 20080320**; CN 102702680 A 20121003; EP 2061836 A1 20090527; JP 2010503753 A 20100204; JP 5599612 B2 20141001; TW 200821355 A 20080516; TW I422644 B 20140111

DOCDB simple family (application)

**US 2007074432 W 20070726**; CN 201210182813 A 20070726; EP 07840530 A 20070726; JP 2009528365 A 20070726; TW 96131713 A 20070827