

Title (en)
STORAGE-STABLE POLYMALEIMIDE PREPOLYMER COMPOSITIONS

Title (de)
LAGERSTABILE POLYMALEIMID-PRÄPOLYMER-ZUSAMMENSETZUNGEN

Title (fr)
COMPOSITION DE PRÉPOLYMÈRE DE POLYMALÉIMIDE STABLE AU STOCKAGE

Publication
EP 2271215 A1 20110112 (EN)

Application
EP 09728017 A 20090323

Priority
• US 2009037958 W 20090323
• US 4095608 P 20080331

Abstract (en)
[origin: WO2009123876A1] The present invention relates to a storage-stable advanced polymaleimide prepolymer composition including a polymaleimide prepolymer resulting from the advancement reaction of a polyimide and an alkenylphenol, alkenylphenol ether or mixture thereof in the presence of an amine catalyst; and dioxolane. The storage-stable advanced polymaleimide prepolymer composition may be used in various applications such as prepregs, laminates, printed circuit boards, castings, composites, moulded articles, adhesives and coatings.

IPC 8 full level
A01N 43/26 (2006.01); **A01N 43/36** (2006.01); **A61K 31/335** (2006.01)

CPC (source: CN EP KR)
B32B 27/12 (2013.01 - KR); **C08G 73/10** (2013.01 - KR); **C08G 73/12** (2013.01 - CN EP); **C08J 5/24** (2013.01 - CN KR); **C08K 3/32** (2013.01 - CN); **C08K 5/1565** (2013.01 - CN EP KR); **C08K 5/46** (2013.01 - CN); **C08L 35/00** (2013.01 - KR); **C08L 79/08** (2013.01 - KR); **C08J 2379/08** (2013.01 - CN)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009123876 A1 20091008; CN 101980604 A 20110223; CN 105860076 A 20160817; EP 2271215 A1 20110112; EP 2271215 A4 20130703; JP 2011517715 A 20110616; JP 5568078 B2 20140806; KR 101591539 B1 20160203; KR 20100125308 A 20101130; RU 2010144592 A 20120510; TW 200948834 A 20091201; TW I453223 B 20140921

DOCDB simple family (application)
US 2009037958 W 20090323; CN 200980111650 A 20090323; CN 201610279867 A 20090323; EP 09728017 A 20090323; JP 2011501949 A 20090323; KR 20107020211 A 20090323; RU 2010144592 A 20090323; TW 98110670 A 20090331