

Title (en)

REDUCING IMPURITIES IN SOLID EPOXY RESIN

Title (de)

VERMINDERUNG VON UNREINHEITEN BEI EPOXIDFESTHARZ

Title (fr)

RÉDUCTION D'IMPURETÉS DANS UNE RÉSINE ÉPOXY SOLIDE

Publication

EP 2486075 A1 20120815 (EN)

Application

EP 10766140 A 20101005

Priority

- US 27848809 P 20091007
- US 2010002684 W 20101005

Abstract (en)

[origin: WO2011043803A1] Methods of reducing impurities from a solid epoxy resin in a discrete particulate form. The methods include heating a heterogeneous mixture of the solid epoxy resin, while maintaining the solid epoxy resin in discrete particulate form, and a solution to a predetermined temperature below the solid epoxy resin's softening point temperature. Agitating the heterogeneous mixture at the predetermined temperature for a predetermined time to extract ionic species from the solid epoxy resin into the solution and separating the solid epoxy resin in discrete particulate form from the ionic species in solution. The separated solid epoxy resin having a reduced impurity content relative to the heterogeneous mixture prior to heating.

IPC 8 full level

C08G 59/00 (2006.01); **C08G 59/06** (2006.01)

CPC (source: EP KR)

C08G 59/00 (2013.01 - EP KR); **C08G 59/025** (2013.01 - KR); **C08G 59/063** (2013.01 - EP); **C08G 59/14** (2013.01 - KR); **C08L 63/00** (2013.01 - KR)

Citation (search report)

See references of WO 2011043803A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011043803 A1 20110414; BR 112012007769 A2 20180320; CN 102574981 A 20120711; EP 2486075 A1 20120815; JP 2013507482 A 20130304; KR 20120093204 A 20120822; TW 201134844 A 20111016

DOCDB simple family (application)

US 2010002684 W 20101005; BR 112012007769 A 20101005; CN 201080045327 A 20101005; EP 10766140 A 20101005; JP 2012533133 A 20101005; KR 20127008976 A 20101005; TW 99134005 A 20101006