

Title (en)

PREPOLYMER IMPACT RESISTOR FOR CRACK-RESISTANT ADHESIVES FOR WINDMILLS

Title (de)

PRÄPOLYMER-SCHLAGFESTMACHER FÜR RISSBESTÄNDIGE KLEBER FÜR WINDMÜHLEN

Title (fr)

AGENT DE RÉSILIENCE DE PRÉPOLYMÈRE POUR DES COLLES RÉSISTANT À LA FISSURATION POUR DES ÉOLIENNES

Publication

EP 2897997 A1 20150729 (DE)

Application

EP 13766518 A 20130923

Priority

- EP 12185699 A 20120924
- EP 2013069747 W 20130923
- EP 13766518 A 20130923

Abstract (en)

[origin: WO2014044851A1] A composition is described which comprises A) a chain-extended prepolymer, which can be obtained from the reaction of a) a polymer containing at least one amino, thiol or hydroxyl group, b) at least one polyisocyanate and c) at least one alkoxylated bisphenol as chain extender, and optionally d) an epoxide compound containing a primary or secondary hydroxy group, said compound containing a primary or secondary hydroxyl group, or at least one epoxide resin A which contains this epoxide compound, and optionally B) an epoxide resin B. The composition is suitable as an impact resistor or as an A component of a 2k epoxide resin adhesive which contains this impact resistor. The adhesive is suitable particularly for gluing in windmills.

IPC 8 full level

C08G 18/12 (2006.01); **C08G 18/66** (2006.01); **C08G 59/18** (2006.01); **C09J 163/00** (2006.01)

CPC (source: EP US)

C08G 18/12 (2013.01 - EP US); **C08G 18/58** (2013.01 - US); **C08G 18/6674** (2013.01 - EP US); **C08G 18/7671** (2013.01 - US); **C08G 59/18** (2013.01 - EP US); **C09J 9/00** (2013.01 - US); **C09J 11/08** (2013.01 - US); **C09J 163/00** (2013.01 - US)

Citation (search report)

See references of WO 2014044851A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014044851 A1 20140327; BR 112015006555 A2 20170704; CN 104662057 A 20150527; EP 2897997 A1 20150729; JP 2015535868 A 20151217; US 2015232710 A1 20150820; US 9562176 B2 20170207

DOCDB simple family (application)

EP 2013069747 W 20130923; BR 112015006555 A 20130923; CN 201380049523 A 20130923; EP 13766518 A 20130923; JP 2015532441 A 20130923; US 201314429642 A 20130923