

Title (en)

CATALYST COMPOSITION FOR CURING RESINS CONTAINING EPOXY GROUPS

Title (de)

KATALYSATOR-ZUSAMMENSETZUNG ZUR HÄRTUNG VON EPOXIDGRUPPEN-HALTIGEN HARZEN

Title (fr)

COMPOSITION À EFFET CATALYSEUR POUR DURCIR DES RÉSINES CONTENANT DES GROUPES ÉPOXY

Publication

EP 3237479 A1 20171101 (DE)

Application

EP 15813839 A 20151218

Priority

- DE 102014226842 A 20141222
- EP 2015080469 W 20151218

Abstract (en)

[origin: CA2971527A1] The present invention relates to a catalyst composition for curing resins containing epoxy groups, in particular epoxy/polyurethane hybrid resins, said composition containing an imidazolium salt of formula (I), as defined herein, in addition to a base. The invention also relates to a method for curing these resins in the presence of the catalyst composition, to the use of said catalyst composition for curing resins containing epoxy groups, to resin systems comprising a resin containing epoxy groups and the catalyst composition, and to a dosing system that comprises the resin and the catalyst composition.

IPC 8 full level

C08G 18/48 (2006.01); **C08G 18/00** (2006.01); **C08G 18/20** (2006.01); **C08G 18/76** (2006.01); **C08G 59/68** (2006.01)

CPC (source: CN EP KR US)

C08G 18/003 (2013.01 - EP KR US); **C08G 18/2027** (2013.01 - CN EP KR US); **C08G 18/4045** (2013.01 - CN); **C08G 18/4825** (2013.01 - CN EP KR US); **C08G 18/58** (2013.01 - CN); **C08G 18/7664** (2013.01 - EP KR US); **C08G 18/7671** (2013.01 - US); **C08G 59/686** (2013.01 - CN EP KR US)

Citation (search report)

See references of WO 2016102358A1

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)

DE 102014226842 A1 20160623; BR 112017013260 A2 20180109; CA 2971527 A1 20160630; CN 107108859 A 20170829; CN 107108859 B 20200616; EP 3237479 A1 20171101; JP 2018504510 A 20180215; JP 6762315 B2 20200930; KR 102510717 B1 20230316; KR 20170098908 A 20170830; MX 2017008268 A 20171002; US 10787536 B2 20200929; US 2017283543 A1 20171005; WO 2016102358 A1 20160630; ZA 201704975 B 20190731

DOCDB simple family (application)

DE 102014226842 A 20141222; BR 112017013260 A 20151218; CA 2971527 A 20151218; CN 201580070007 A 20151218; EP 15813839 A 20151218; EP 2015080469 W 20151218; JP 2017551005 A 20151218; KR 20177020462 A 20151218; MX 2017008268 A 20151218; US 201715624944 A 20170616; ZA 201704975 A 20170721