

Title (en)  
NOVEL HETERO-DIELS-ALDER CROSS-LINKER AND USE THEREOF IN REVERSIBLY CROSSLINKED POLYMER SYSTEMS

Title (de)  
NEUARTIGER HETERO-DIELS-ALDER-VERNETZER UND DEREN VERWENDUNG IN REVERSIBEL VERNETZENDEN POLYMERSYSTEMEN

Title (fr)  
NOUVEAUX AGENTS DE RÉTICULATION PAR LA RÉACTION D'HÉTÉRO-DIELS-ALDER ET LEUR UTILISATION DANS DES SYSTÈMES POLYMÈRES À RÉTICULATION RÉVERSIBLE

Publication  
**EP 3408313 A1 20181205 (DE)**

Application  
**EP 17700701 A 20170120**

Priority  
• EP 16153363 A 20160129  
• EP 2017051158 W 20170120

Abstract (en)  
[origin: CA3009597A1] The invention relates to a novel hetero-diels-alder cross-linker, to methods for the production thereof and use thereof for reversibly crosslinked polymer systems.

IPC 8 full level  
**C08J 3/24** (2006.01); **C07C 57/00** (2006.01); **C07C 327/36** (2006.01); **C07D 335/00** (2006.01); **C07D 335/02** (2006.01)

CPC (source: EP KR US)  
**C07C 327/36** (2013.01 - EP KR US); **C08J 3/24** (2013.01 - EP KR US); **C08K 5/0025** (2013.01 - KR); **C08K 5/37** (2013.01 - KR); **C08L 33/066** (2013.01 - US); **C08L 33/12** (2013.01 - US); **C08L 47/00** (2013.01 - KR); **C08L 67/06** (2013.01 - US); **C09J 147/00** (2013.01 - KR); **C08L 2312/00** (2013.01 - US)

Citation (search report)  
See references of WO 2017129483A1

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)  
**EP 3199575 A1 20170802**; BR 112018015105 A2 20181211; CA 3009597 A1 20170803; CN 108495885 A 20180904; EP 3408313 A1 20181205; HK 1259404 A1 20191129; JP 2019513156 A 20190523; KR 20180111810 A 20181011; RU 2018125803 A 20200113; TW 201800390 A 20180101; US 2019016676 A1 20190117; WO 2017129483 A1 20170803

DOCDB simple family (application)  
**EP 16153363 A 20160129**; BR 112018015105 A 20170120; CA 3009597 A 20170120; CN 201780008308 A 20170120; EP 17700701 A 20170120; EP 2017051158 W 20170120; HK 19101773 A 20190131; JP 2018539369 A 20170120; KR 20187021200 A 20170120; RU 2018125803 A 20170120; TW 106102674 A 20170124; US 201716065895 A 20170120