

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)

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Designated extension state (EPC)

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**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;  
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KR 20187021200 A 20170120; RU 2018125803 A 20170120; TW 106102674 A 20170124; US 201716065895 A 20170120