

Title (en)  
POLYMERS PREPARED BY RING OPENING/CROSS METATHESIS

Title (de)  
DURCH RINGÖFFNUNG/KREUZMETATHESE HERGESTELLTE POLYMERE

Title (fr)  
POLYMÈRES PRÉPARÉS PAR OUVERTURE DE CYCLE/MÉTATHÈSE CROISÉE

Publication  
**EP 2742074 A4 20150401 (EN)**

Application  
**EP 12824641 A 20120625**

Priority

- US 201113209242 A 20110812
- EP 11182277 A 20110922
- US 2012043985 W 20120625
- EP 12824641 A 20120625

Abstract (en)  
[origin: WO2013025284A1] This invention relates to a process for producing a polymer of a cyclic olefin and a linear mono-olefin, the process comprising contacting at least one C5 based cyclic olefin with at least one linear mono-olefin having from two to twenty carbon atoms in the presence of an alkene metathesis catalyst, and the polymer so produced.

IPC 8 full level  
**C08G 61/08** (2006.01); **C08L 65/00** (2006.01); **C10M 107/00** (2006.01)

CPC (source: EP)  
**C08F 4/80** (2013.01); **C08G 61/08** (2013.01); **C08G 2261/164** (2013.01); **C08G 2261/1642** (2013.01); **C08G 2261/3324** (2013.01); **C08G 2261/3325** (2013.01); **C08G 2261/418** (2013.01); **C08G 2261/724** (2013.01)

Citation (search report)

- [XDA] US 2005261451 A1 20051124 - UNG THAY [US], et al
- [A] US 2004131850 A1 20040708 - HEDDEN JERRY C [US]
- [XP] WO 2012040088 A2 20120329 - EXXONMOBIL CHEM PATENTS INC [US], et al
- [X] BIELAWSKI ET AL: "Living ring-opening metathesis polymerization", PROGRESS IN POLYMER SCIENCE, PERGAMON PRESS, OXFORD, GB, vol. 32, no. 1, 5 February 2007 (2007-02-05), pages 1 - 29, XP005876108, ISSN: 0079-6700, DOI: 10.1016/J.PROGPOLYMSCI.2006.08.006
- See references of WO 2013025284A1

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 2013025284 A1 20130221**; CN 103732636 A 20140416; CN 103732636 B 20160518; EP 2742074 A1 20140618; EP 2742074 A4 20150401

DOCDB simple family (application)  
**US 2012043985 W 20120625**; CN 201280039353 A 20120625; EP 12824641 A 20120625