

Title (en)

AMPHIPHILIC BLOCK POLYMERS PREPARED BY ALKENE METATHESIS

Title (de)

DURCH ALKENMETATHESE HERGESTELLTE AMPHIPHILE BLOCKPOLYMERE

Title (fr)

COPOLYMÈRES SÉQUENCÉS AMPHIPHILES PRÉPARÉS PAR MÉTATHÈSE DES ALCÈNES

Publication

**EP 2688922 A2 20140129 (EN)**

Application

**EP 12765595 A 20120305**

Priority

- US 201113072261 A 20110325
- EP 11167032 A 20110523
- US 2012027704 W 20120305
- EP 12765595 A 20120305

Abstract (en)

[origin: WO2012134725A2] The invention relates to a multiblock polyolefin, and methods to make a multiblock polyolefin, represented by the formula (X) or (XII): PO-C(R11)R12-CR13C(R14-C)-C(O)-((CR15R16) ZVC17R18)m-O)n-R19 (X) or PO-C(R11)R12-CR13C(R14-C)-C(O)-((CR15R16) ZVC17R18)mO)n-C(O)- C(R14C=(R13)-C(R12)(R11)-PO (XX) wherein R11, R12, R13, and R14 are each independently a substituted or unsubstituted C1 through C4 hydrocarbyl group or a hydrogen; R15, R16, R17, and R18 are each independently a substituted or unsubstituted C1 through C4 hydrocarbyl group or a hydrogen; R19 is a C1 to a C20 substituted or unsubstituted hydrocarbyl group or a hydrogen; z is = 1 to about 5; m is = 1 to about 5; PO is a polyolefin hydrocarbyl group comprising 10 to 4000 carbon atoms; and n is from 1 to about 10,000.

IPC 8 full level

**C08F 299/00** (2006.01); **C08G 81/02** (2006.01); **C08G 85/00** (2006.01)

CPC (source: EP)

**C08F 210/06** (2013.01); **C08F 290/062** (2013.01); **C08F 297/08** (2013.01); **C08F 299/00** (2013.01); **C08F 4/65908** (2013.01); **C08F 4/65925** (2013.01); **C08F 4/65927** (2013.01)

C-Set (source: EP)

1. **C08F 210/06** + **C08F 210/16** + **C08F 2500/15**
2. **C08F 290/062** + **C08F 210/14**

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 2012134725 A2 20121004**; **WO 2012134725 A3 20130131**; CN 103443136 A 20131211; CN 103443136 B 20160330; EP 2688922 A2 20140129; EP 2688922 A4 20150304

DOCDB simple family (application)

**US 2012027704 W 20120305**; CN 201280013676 A 20120305; EP 12765595 A 20120305