

Title (en)

CIS-POLYCYCLOOLEFINS AND METHODS FOR FORMING CIS-POLYCYCLOOLEFINS

Title (de)

CIS-POLYCYCLOOLEFINE UND VERFAHREN ZUR HERSTELLUNG VON CIS-POLYCYCLOOLEFINEN

Title (fr)

CIS-POLYCYCLOOLÉFINES ET PROCÉDÉS DE FORMATION DE CIS-POLYCYCLOOLÉFINES

Publication

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Application

EP 18842188 A 20180611

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Abstract (en)

[origin: CN111108141A] The present disclosure provides cis-polycycloolefins and methods for forming cis- polycycloolefins typically having 50% or greater cis carbon-carbon double bonds comprising contacting a first cyclic hydrocarbyl monomer with a catalyst represented by Formula (I): wherein: M is a group 8 metal; Q1, Q2, and Q3 are independently oxygen or sulfur; each of R1 and R4 is a halogen; R9 is C1-C40 hydrocarbyl or C1-C40 substituted hydrocarbyl; and each of R2, R3, R5, R6, R7, R8, R10, R11, R12, R13, R14, R15, R16, R17, R18, and R19 is independently hydrogen, halogen, C1-C40 hydrocarbyl or C1-C40 substituted hydrocarbyl. In at least one embodiment, a polycyclopentene has 50% or greater cis carbon-carbon double bonds.

IPC 8 full level

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- See references of WO 2019027574A1

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