

Title (en)

PROCESSES FOR PRODUCING HIGH PROPYLENE CONTENT PEDM HAVING LOW GLASS TRANSITION TEMPERATURES USING TETRAHYDROINDACENYL CATALYST SYSTEMS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PEDM MIT HOHEM PROPYLENGEHALTN UND MIT NIEDRIGEN GLASÜBERGANGSTEMPERATUREN UNTER VERWENDUNG VON TETRAHYDROINDACENYL-KATALYSATORSYSTEMEN

Title (fr)

PROCÉDÉS DE PRODUCTION DE PEDM À TENEUR ÉLEVÉE EN PROPYLÈNE AYANT DE FAIBLES TEMPÉRATURES DE TRANSITION VITREUSE À L'AIDE DE SYSTÈMES DE CATALYSEUR DE TÉTRAHYDROINDACÉNYLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019182979A1] The present disclosure provides methods for producing an olefin polymer by contacting a C3-C40 olefin, ethylene and a diene with a catalyst system including an activator and a metallocene catalyst compound comprising a substituted or unsubstituted indacenyl group and obtaining a C3-C40 olefin-ethylene-diene terpolymer typically comprising from 30 to 55 mol% ethylene, from 69.09 to 45 mol% C3 to C40 comonomer, and from 0.01 to 7 mol% diene wherein the Tg of the terpolymer is -28 °C or less. Preferably, a propylene-ethylene-ethylidene norbornene is obtained.

IPC 8 full level

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Citation (search report)

- [AD] US 2016244535 A1 20160825 - CANICH JO ANN M [US], et al
- [AD] WO 9827103 A1 19980625 - DOW CHEMICAL CO [US]
- [XDA] WO 2016053542 A1 20160407 - EXXONMOBIL CHEM PATENTS INC [US]
- See references of WO 2019182979A1

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