

Title (en)

VINYL TERMINATED HIGHER OLEFIN POLYMERS AND METHODS TO PRODUCE THEREOF

Title (de)

VINYLTRMINIERTE HÖHERE OLEFINPOLYMERE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

POLYMÈRES D'OLÉFINES SUPÉRIEURES À TERMINAISON VINYLE ET LEURS PROCÉDÉS DE PRODUCTION

Publication

**EP 2688926 A4 20150708 (EN)**

Application

**EP 12763904 A 20120305**

Priority

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- US 2012027682 W 20120305
- EP 12763904 A 20120305

Abstract (en)

[origin: WO2012134717A2] This invention relates to a vinyl terminated higher olefin copolymer having an Mn of 300 g/mol or more (measured by <sup>1</sup>H NMR) comprising: (i) from about 20 to about 99.9 mol% of at least one C5 to C40 higher olefin monomer; and (ii) from about 0.1 to about 80 mol % of propylene; wherein the higher olefin copolymer has at least 40% allyl chain ends. The copolymer may also have an isobutyl chain end to allyl chain end ratio of less than 0.7: 1 and/or an allyl chain end to vinylidene chain end ratio of greater than 2:1.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [AD] US 2009318644 A1 20091224 - BRANT PATRICK [US], et al
- [X] WO 9905182 A1 19990204 - BP CHEM INT LTD [GB], et al
- [XA] WO 9533779 A1 19951214 - EXXON CHEMICAL PATENTS INC [US]
- See references of WO 2012134717A2

Designated contracting state (EPC)

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