

Title (en)
HYDROCARBON POLYMERS COMPRISING A 2-OXO-1,3-DIOXOLAN-4-YL END GROUP, PREPARATION AND USE THEREOF

Title (de)
KOHLENWASSERSTOFFPOLYMERE MIT EINER 2-OXO-1,3-DIOXOLAN-4-YL-ENDGRUPPE, HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)
POLYMÈRES HYDROCARBONÉS COMPORTANT UN GROUPEMENT TERMINAL 2-OXO-1,3-DIOXOLAN-4-YL, LEUR PRÉPARATION ET LEUR UTILISATION

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Application
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Abstract (en)
[origin: WO2014091174A2] The invention relates to a method for preparing a hydrocarbon polymer comprising a 2-oxo-1,3-dioxolan-4-yl end group, by opening the cycle by metathesis in the presence of a metathesis catalyst, a vinyl ethylene carbonate chain transfer agent, and a compound including at least one C6-C16 cycle having a double carbon-carbon bond. The invention also relates to a hydrocarbon polymer that can be obtained by said method. The invention further relates to the use of said polymer as an adhesion promoter or reactive plasticiser in an adhesive composition.

IPC 8 full level
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Citation (search report)
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