

Title (en)

PEROXIDE-FREE DIRECT GRAFTING OF POLAR MONOMERS ON TO UNSATURATED POLYOLEFINS

Title (de)

PEROXIDFREIE DIREKTPFROPFUNG VON POLAREN MONOMEREN AUF UNGESÄTTIGTE POLYOLEFINE

Title (fr)

GREFFAGE DIRECT SANS PEROXYDE DE MONOMÈRES POLAIRES SUR DES POLYOLÉFINES INSATURÉES

Publication

**EP 2328946 A1 20110608 (EN)**

Application

**EP 08823416 A 20080924**

Priority

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Abstract (en)

[origin: WO2010036243A1] The present invention is a peroxide-free process for preparing a direct-grafted polyolefin. The process has the steps of (a) selecting an antioxidant-free, unsaturated polyolefin, (b) oxidizing the polyolefin, (c) selecting a graftable, polar monomer, (d) combining the polyolefin and the graftable, polar monomer, (e) forming free radicals on the oxidized polyolefin, and (f) grafting the graftable, polar monomer onto the polyolefin at the free-radical sites.

IPC 8 full level

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