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High-purity solvent preparation technology for use in the manufacture of synthetic rubbers

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Abstract

A scheme of an industrial process for preparing a solvent by fractional distillation and catalytic hydrofining of the C5-C7 fraction on a reactivated spent platinum-alumina isomerization catalyst was proposed for use in the manufacture of ethylene-propylene-diene rubbers. The process allows a high efficiency of removal of trace sulfur-containing, unsaturated, and aromatic compounds from the solvent to be attained and several desired products to be simultaneously obtained. Copyright © 2005 by MAIK "Nauka/Interperiodica"(Russia).
