

Title (en)
METHOD FOR PRODUCING ALKYLARYL COMPOUNDS AND SULFONATES THEREOF

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ALKYLARYLVERBINDUNGEN UND SULFONATEN DAVON

Title (fr)
PROCEDE DE FABRICATION DE COMPOSES ALKYLARYL ET DE SULFONATES DE CEUX-CI

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Application
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Abstract (en)
[origin: WO03029172A2] Alkylaryl compounds are produced by: a) preparing a C4 olefin mixture consisting of LPG, LNG or MTO flows; b1) reacting the C4 olefin mixture obtained thereby on a metathesis catalyst in order to produce an olefin mixture that contains 2-pentene and/or 3-hexene and optionally separating out 2-pentene and/or 3-hexene; c1) dimerizing the 2-pentene and/or 3-hexene obtained in step b1) on a dimerization catalyst whereby forming a mixture containing C10-12 olefins and optionally separating out the C10-12 olefins; d1) reacting the C10-12 olefin mixtures obtained in step c1) with an aromatic hydrocarbon in the presence of an alkylation catalyst in order to form alkylaromatic compounds, whereby additional linear olefins are added before the reaction.

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