

ABSTRACT
METHOD FOR PRODUCING HIGH-ADDED-VALUE AROMATIC PRODUCTS AND
OLEFINIC PRODUCTS FROM AN AROMATIC-COMPOUND-CONTAINING OIL
FRACTION

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The present invention relates to a method for manufacturing aromatic products (benzene/toluene/xylene) and olefinic products from an aromatic-compound-containing oil fraction, whereby it is possible to substitute naphtha as a feedstock for aromatic production and so make stable supply and demand, and it is possible to substantially increase the yield of high-added-value olefinic and high-added-value aromatic components, by providing a method for manufacturing olefinic and aromatic products from light cycle oil comprising a hydrogen-processing reaction step, a catalytic cracking step, an separation step and a transalkylation step, and optionally also comprising a recirculation step.

20 Figure 2