

ABSTRACT**PROCESS FOR UPGRADING REFINERY HEAVY RESIDUES TO PETROCHEMICALS**

The present invention relates to a process for upgrading refinery heavy residues to petrochemicals, comprising the following steps of: (a) separating a hydrocarbon feedstock in a distillation unit into a to overhead stream and a bottom stream (b) feeding said bottom stream to a hydrocracking reaction area (c) separating reaction products, which are generated from said reaction area of step (b) into a stream rich in mono-aromatics and in a stream rich in poly-aromatics (d) feeding said stream rich in mono-aromatics to a gasoline hydrocracker (GHC) unit, (e) feeding said stream rich in poly-aromatics to a ring opening reaction area.

NO FIGURE