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(54) Title: TWO-STAGE PROCESS FOR OBTAINING SIGNIFICANT OLEFIN YIELDS FROM RESIDUA FEEDSTOCKS

(57) Abstract

A two-stage process for obtaining a substantial amount of olefinic product from a residua feedstock includes a first stage and a second stage. The first stage, having a short residence time, includes a thermal process unit containing a reaction zone (1) comprised of a horizontal moving bed of fluidized hot particles (15) which is operated at a temperature of 500-600 degrees Celsius. The second stage thermal conversion zone (2), also having a reduced residence time, is operated at a temperature of 700-1100 degrees Celsius.

