

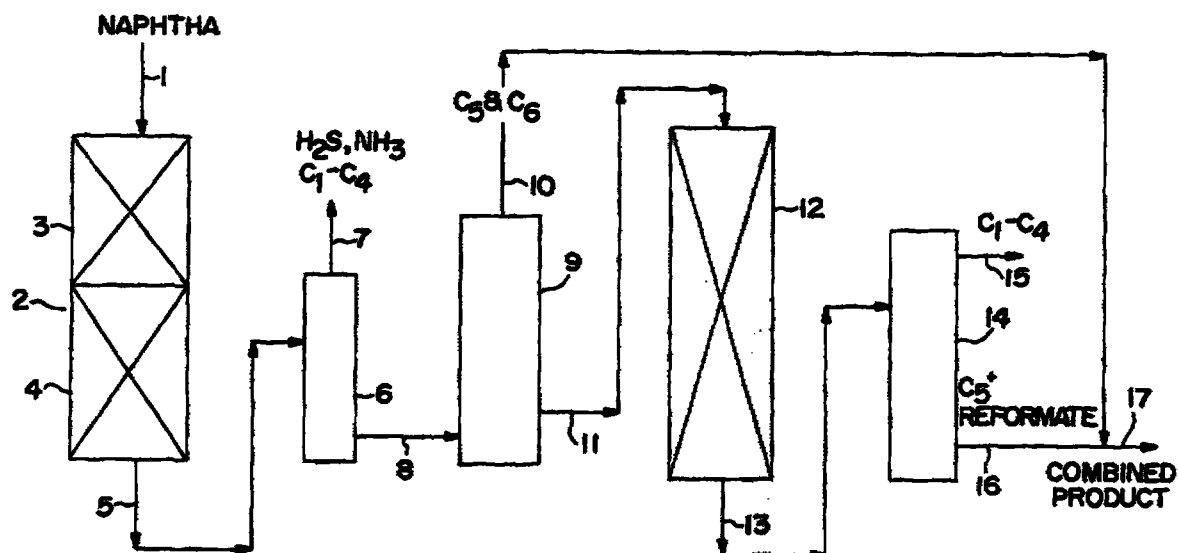


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(54) Title: **INTEGRATED PROCESS FOR THE PRODUCTION OF REFORMATE HAVING REDUCED BENZENE CONTENT**

(57) Abstract

An integrated process for providing a gasoline boiling range reformat-containing product produced from naphtha comprises: (1) pretreating a raw naphtha feedstream containing benzene by contacting with a hydrosulfurization catalyst thereby forming H_2S and thereafter cascading said feedstream over a noble metal-containing porous crystalline inorganic oxide catalyst comprising pores having openings of 12-member rings under conditions sufficient to effect benzene saturation, thereby providing a pretreated effluent of reduced benzene content; (2) dehexanizing the pretreated effluent to provide a C_6 -hydrocarbon-containing overhead stream and a bottoms stream containing C_7+ hydrocarbons; (3) reforming said bottoms stream to form a reformat stream; and (4) combining said reformat stream and said C_6 -hydrocarbon-containing overhead stream to provide a combined gasoline boiling range product.