

Title (en)
INTEGRATED PROCESS FOR THE PRODUCTION OF REFORMAT HAVING REDUCED BENZENE CONTENT

Title (de)
INTEGRIERTES VERFAHREN ZUR HERSTELLUNG VON REFORMAT MIT ERNIEDRIGTEM BENZOLGEHALT

Title (fr)
PROCEDE INTEGRE D'OBTENTION D'UN REFORMAT A FAIBLE TENEUR EN BENZENE

Publication
EP 0794993 A4 19981223 (EN)

Application
EP 95939894 A 19951107

Priority
• US 9514661 W 19951107
• US 34773394 A 19941201

Abstract (en)
[origin: WO9617039A1] 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 hydrodesulfurization catalyst thereby forming H₂S 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 C₆-hydrocarbon-containing overhead stream and a bottoms stream containing C₇+ hydrocarbons; (3) reforming said bottoms steam to form a reformat stream; and (4) combining said reformat stream and said C₆-hydrocarbon-containing overhead steam to provide a combined gasoline boiling range product.

IPC 1-7
C10G 59/02; **C10G 63/02**; **C10G 69/08**

IPC 8 full level
B01J 29/74 (2006.01); **B01J 37/10** (2006.01); **C10G 7/00** (2006.01); **C10G 35/04** (2006.01); **C10G 45/44** (2006.01); **C10G 59/02** (2006.01); **C10G 63/02** (2006.01); **C10G 69/08** (2006.01)

CPC (source: EP KR)
C10G 59/02 (2013.01 - KR); **C10G 63/02** (2013.01 - KR); **C10G 69/08** (2013.01 - EP)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 9617039A1

Designated contracting state (EPC)
BE DE ES FR GB IT NL

DOCDB simple family (publication)
WO 9617039 A1 19960606; AU 4154696 A 19960619; AU 690397 B2 19980423; CA 2206309 A1 19960606; EP 0794993 A1 19970917; EP 0794993 A4 19981223; JP H10510000 A 19980929; KR 980700397 A 19980330

DOCDB simple family (application)
US 9514661 W 19951107; AU 4154696 A 19951107; CA 2206309 A 19951107; EP 95939894 A 19951107; JP 51882196 A 19951107; KR 19970703577 A 19970528