

Title (en)
Isomerization of benzene-containing feedstocks

Title (de)
Isomerisierung von benzolhaltigen Rohmaterialien

Title (fr)
Isomérisation de produits de départ contenant du benzène

Publication
EP 1992673 A1 20081119 (EN)

Application
EP 08251358 A 20080408

Priority
• US 75052107 A 20070518
• US 75052307 A 20070518

Abstract (en)
The benzene content in a gasoline pool is reduced by a process that hydrogenates a benzene-containing isomerization zone feedstream. The additional cyclic hydrocarbons produced by the saturation of benzene can be processed in the isomerization zone (30, 22) for ring opening to increase the available paraffinic feedstock or the isomerization zone (30, 22) can be operated to pass the cyclic hydrocarbons through to a product recovery section. The isomerization zone feedstream (10, 13) is treated to remove contaminants and dried (11) before entering the hydrogenation zone (32).

IPC 8 full level
C10G 65/08 (2006.01)

CPC (source: EP)
C10G 45/44 (2013.01); **C10G 2300/104** (2013.01); **C10G 2300/1044** (2013.01); **C10G 2300/1096** (2013.01); **C10G 2300/202** (2013.01); **C10G 2300/4018** (2013.01); **C10G 2300/4081** (2013.01); **C10G 2400/02** (2013.01)

Citation (applicant)
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