

Title (en)
Selective hydrogenation of C5 streams

Title (de)
Selektive Hydrierung von C5-Schnitten

Title (fr)
Hydrogénation sélective de courants en C5

Publication
EP 0556025 B1 19971126 (EN)

Application
EP 93300939 A 19930209

Priority
US 83336092 A 19920210

Abstract (en)
[origin: EP0556025A1] A process for the selective hydrogenation of diolefins contained in a refinery C5 stream wherein the catalyst used is also a component in a distillation structure. Essentially no hydrogenation of the mono-olefins occurs. Additionally some of the mono-olefins may be isomerized to more valuable isomers of the mono-olefin. <IMAGE>

IPC 1-7
C10G 45/32

IPC 8 full level
B01J 23/44 (2006.01); **C07B 61/00** (2006.01); **C07C 5/05** (2006.01); **C07C 11/02** (2006.01); **C10G 45/32** (2006.01); **C10G 45/40** (2006.01); **C10G 70/02** (2006.01)

CPC (source: EP KR)
C10G 45/32 (2013.01 - EP KR); **C10G 70/02** (2013.01 - EP); **C10G 2300/4087** (2013.01 - EP)

Cited by
WO2014011772A1; AU736817B2; CN1045305C; US6072091A; CN115135598A; US5679241A; EP0733030A4; CN110759802A; EP0826021A4; CN104487549A; EP2872603A4; RU2627657C2; US6297415B1; WO9748466A1; WO9724413A1; DE102010030990A1; WO2012004081A1; US9695096B2; US6284104B1; US6407300B2

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