

Title (en)

Iso-olefin production and etherification process.

Title (de)

Verfahren zur Herstellung von Isoolefinen und Etherifizierungsverfahren.

Title (fr)

Procédé de production d'iso-olefines et d'éthérification.

Publication

EP 0534142 A1 19930331 (EN)

Application

EP 92114377 A 19920821

Priority

US 75716391 A 19910910

Abstract (en)

A process for increasing iso-butylene and iso-pentene yield from a refinery naptha comprising contacting a olefinic naptha stream comprising C₃ - C₅ olefins with a low acidic crystalline silicate catalyst at a pressure of less than 300 psig and a temperature of between about 500 to about 900 F to produce a product stream rich in iso-butylene and iso-pentene.

IPC 1-7

C10G 45/64; **C10G 51/02**

IPC 8 full level

C07B 61/00 (2006.01); **C07C 4/06** (2006.01); **C07C 11/09** (2006.01); **C07C 11/10** (2006.01); **C07C 41/06** (2006.01); **C07C 43/04** (2006.01); **C10G 35/06** (2006.01); **C10G 35/095** (2006.01); **C10G 45/64** (2006.01); **C10G 63/04** (2006.01); **C10G 67/04** (2006.01)

CPC (source: EP)

C10G 35/095 (2013.01); **C10G 63/04** (2013.01); **C10G 67/04** (2013.01); **C10G 2400/02** (2013.01)

Citation (search report)

- [A] US 4172812 A 19791030 - WINTER WILLIAM E [US]
- [A] WO 9011340 A1 19901004 - MOBIL OIL CORP [US]
- [A] US 4865718 A 19890912 - HERBST JOSEPH A [US], et al

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