

Title (en)

Carbon dioxide addition in hydrocracking/hydroisomerization processes to control methane production

Title (de)

Addition von Kohlendioxid in Hydrokrack/Hydroisomerisierungsverfahren zur Kontrolle der Methanherstellung

Title (fr)

Addition de gaz carbonique dans des procédés d'hydrocraquage/hydroisomérisation pour contrôler la production de méthane

Publication

**EP 0707057 A1 19960417 (EN)**

Application

**EP 95305724 A 19950816**

Priority

US 29336294 A 19941013

Abstract (en)

Methane is suppressed in a hydroisomerization process without substantial effect on light gas and light liquid yields when carbon dioxide is included with the feed and a Group VIII non-noble metal or Group VI metal catalyst supported on alumina or silica-alumina.

IPC 1-7

**C10G 45/58**

IPC 8 full level

**B01J 23/74** (2006.01); **B01J 23/88** (2006.01); **C07B 61/00** (2006.01); **C07C 4/06** (2006.01); **C07C 9/02** (2006.01); **C10G 45/58** (2006.01); **C10G 45/60** (2006.01); **C10G 45/64** (2006.01); **C10G 49/04** (2006.01); **C10G 49/08** (2006.01)

CPC (source: EP)

**C10G 45/58** (2013.01)

Citation (applicant)

- US 3711399 A 19730116 - SUGGITT R, et al
- US 4900707 A 19900213 - CODY IAN A [CA], et al

Citation (search report)

- [X] GB 772478 A 19570417 - GULF RESEARCH DEVELOPMENT CO
- [DA] US 3711399 A 19730116 - SUGGITT R, et al

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US6951605B2; US7704379B2; US7125818B2; US7087152B2; US7220350B2; US7282137B2; US7077947B2; US7429318B2

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**EP 95305724 A 19950816**; AU 3010795 A 19950817; CA 2156212 A 19950816; DE 69514476 T 19950816; JP 23330395 A 19950818; NO 953255 A 19950818