Title (en)

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

Title (de)

Addition von Kohlendioxid in Hydrokrack/Hydroisomerizierungsverfahren zur Kontrolierung der Methanherstellung

Title (fr)

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

Publication

EP 0707057 B1 20000112 (EN)

Application

EP 95305724 A 19950816

Priority

US 29336294 A 19941013

Abstract (en)

[origin: EP0707057A1] 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)

Cited by

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

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0707057 A1 19960417; **EP 0707057 B1 20000112**; AU 3010795 A 19960229; AU 689286 B2 19980326; CA 2156212 A1 19960414; CA 2156212 C 20040106; DE 69514476 D1 20000217; DE 69514476 T2 20000824; JP 3671246 B2 20050713; JP H08176561 A 19960709; NO 311178 B1 20011022; NO 953255 D0 19950818; NO 953255 L 19960220

DOCDB simple family (application)

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