

Title (en)
HYDROCARBON CONVERSION PROCESS

Title (de)
KOHLENWASSERSTOFF-UMWANDLUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE CONVERSION D'HYDROCARBURES

Publication
EP 2099882 A1 20090916 (EN)

Application
EP 07869795 A 20071221

Priority
• US 2007088628 W 20071221
• US 61862306 A 20061229

Abstract (en)
[origin: US2008159928A1] A process is provided to produce an ultra low sulfur diesel with less than about 10 ppm sulfur using a two-phase or liquid-phase continuous reaction zone to convert a diesel boiling range distillate preferably obtained from a mild hydrocracking unit. In one aspect, the diesel boiling range distillate is introduced to the liquid-phase continuous reaction zone over-saturated with hydrogen in an amount effective so that the liquid phase remains substantially saturated with hydrogen throughout the reaction zone as the reactions proceed.

IPC 8 full level
C10G 69/02 (2006.01); **C10G 45/22** (2006.01); **C10G 49/04** (2006.01); **C10G 49/08** (2006.01); **C10G 65/00** (2006.01); **C10G 65/08** (2006.01); **C10G 65/12** (2006.01); **C10G 65/16** (2006.01)

CPC (source: EP US)
C10G 45/22 (2013.01 - EP US); **C10G 65/04** (2013.01 - EP US); **C10G 65/12** (2013.01 - EP US); **C10G 2300/1048** (2013.01 - EP US); **C10G 2300/202** (2013.01 - EP US); **C10G 2300/307** (2013.01 - EP US); **C10G 2300/42** (2013.01 - EP US); **C10G 2400/04** (2013.01 - EP US)

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