

Title (en)

Process for the preparation of hydrocarbon fuels.

Title (de)

Verfahren zur Herstellung von Kohlenwasserstoffbrennstoffen.

Title (fr)

Procédé de préparation de combustibles hydrocarbonés.

Publication

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Application

EP 93202395 A 19930816

Priority

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Abstract (en)

A process for the preparation of hydrocarbon fuels comprises the steps of: a) contacting a mixture of carbon monoxide and hydrogen with a hydrocarbon synthesis catalyst at elevated temperature and pressure to prepare a substantially paraffinic hydrocarbon product; b) contacting the hydrocarbon product so-obtained with hydrogen in the presence of a hydroconversion catalyst under conditions such that substantially no isomerisation or hydrocracking of the hydrocarbon product occurs; and c) contacting at least part of the hydrocarbon product of step (b) with hydrogen in the presence of a hydroconversion catalyst under conditions such that hydrocracking and isomerisation of the hydrocarbon feed occurs to yield a substantially paraffinic hydrocarbon fuel.

IPC 1-7

C10G 65/12; **C10G 65/04**; **C07C 1/04**

IPC 8 full level

B01J 23/75 (2006.01); **B01J 23/74** (2006.01); **C07B 61/00** (2006.01); **C07C 1/04** (2006.01); **C07C 4/06** (2006.01); **C07C 9/15** (2006.01); **C10G 2/00** (2006.01); **C10G 65/04** (2006.01); **C10G 65/12** (2006.01); **C10G 69/00** (2006.01); **C10G 69/02** (2006.01); **C10L 1/00** (2006.01)

IPC 8 main group level

C07C (2006.01); **C10G** (2006.01)

CPC (source: EP)

C10G 2/30 (2013.01); **C10G 65/12** (2013.01)

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