

Title (en)

process for preparing a diesel fuel fraction by oligomerisation

Title (de)

Verfahren zur Herstellung einer Dieselfraktion durch Oligomerisation

Title (fr)

Procédé de préparation d'une coupe diesel par oligomérisation

Publication

EP 1739069 B1 20170906 (FR)

Application

EP 06290881 A 20060523

Priority

FR 0506589 A 20050628

Abstract (en)

[origin: EP1739069A1] The preparation of a diesel oil (21) fraction comprises oligomerizing a 2-12C, preferably 3-5C olefinic hydrocarbon fraction, where C is a carbon atom; separating the obtained mixture into three fractions comprising a non-reacted light fraction containing 4C and/or 5C olefinic hydrocarbon having a distillation point (T95) of less than 100[deg]C, preferably less than 50[deg]C, an medium fraction (I) having T95 of 180-240[deg]C, preferably 200-220[deg]C, and a heavy fraction having T95 of greater than 240[deg]C, preferably greater than 220[deg]C; and oligomerizing (I) with the light fraction at a weight ratio of 60:40-80:20.

IPC 8 full level

C07C 2/02 (2006.01); **C10G 50/00** (2006.01)

CPC (source: EP US)

C10G 50/00 (2013.01 - EP US)

Cited by

WO2011157674A1; US9394212B2; WO2007092317A3; WO2023194337A1; FR3134110A1

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