

Title (en)

CONVERSION OF A CRUDE OIL IN A FLUIDISED BED COMPRISING ZONES WITH DIFFERENT CONTACT TIMES

Title (de)

UMWANDLUNG EINES ROHÖLS IN EIN WIRBELBETT MIT ZONEN MIT UNTERSCHIEDLICHEN KONTAKTZEITEN

Title (fr)

CONVERSION D'UN BRUT PETROLIER EN LIT FLUIDISE COMPORTANT DES ZONES A DIFFERENTS TEMPS DE CONTACT

Publication

**EP 3897953 A1 20211027 (FR)**

Application

**EP 19816792 A 20191213**

Priority

- FR 1873442 A 20181219
- EP 2019085014 W 20191213

Abstract (en)

[origin: WO2020126873A1] The present invention relates to a device and a process for the catalytic cracking in a fluidised bed of a hydrocarbon-based feedstock, in which: a first feedstock (2) is cracked in a dense fluidised bed reactor (1) in the presence of a catalyst (3) so as to produce a first effluent; and at least a second feedstock (10) is cracked in a transported fluidised bed reactor (4) in the presence of the catalyst (3) supplied by the dense fluidised bed reactor (1) so as to produce a second effluent, the second feedstock (10) being a heavier feedstock than the first feedstock (2).

IPC 8 full level

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Citation (search report)

See references of WO 2020126873A1

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**WO 2020126873 A1 20200625**; CN 113301987 A 20210824; CN 113301987 B 20240621; EP 3897953 A1 20211027; FR 3090684 A1 20200626; FR 3090684 B1 20210827; SA 521422215 B1 20231112; US 11839872 B2 20231212; US 2022062845 A1 20220303

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