

Title (en)

PROCESS FOR PRODUCING AROMATICS, INVOLVING EXTRACTION PRIOR TO AROMATISATION

Title (de)

VERFAHREN ZUR HERSTELLUNG VON AROMATEN MIT EXTRAKTION VOR DER AROMATISIERUNG

Title (fr)

PROCÉDÉ DE PRODUCTION D'AROMATIQUES AVEC EXTRACTION AVANT AROMATISATION

Publication

**EP 3717597 A1 20201007 (FR)**

Application

**EP 18800660 A 20181116**

Priority

- FR 1761374 A 20171129
- EP 2018081581 W 20181116

Abstract (en)

[origin: WO2019105766A1] The invention relates to a process for producing C6-C7 aromatic compounds from a naphtha-type hydrocarbon feedstock, comprising the following steps: a) sending the feedstock (1) to a first fractionation unit (2) in order to obtain an upper stream (3), which comprises C6 and C7 hydrocarbon compounds, and a lower stream (4), which comprises C8 to C10 hydrocarbon compounds; b) sending said upper stream (3) and a stream (12) comprising C6 and C7 aromatic compounds obtained at the end of step e) to an aromatics extraction unit (5) in order to obtain an aromatic base (6) and a liquid effluent (7); c) sending said liquid effluent (7) to a first catalytic reforming unit (8) to obtain a first reformat effluent (9); d) sending said first reformat effluent (9) to a reformat separation section (10) to obtain a first stream (11), which comprises C5 hydrocarbon compounds, and a second stream (12) which comprises C6 and C7 aromatic compounds; and e) recycling this second stream (12) comprising C6 and C7 aromatic compounds in step b).

IPC 8 full level

**C10G 61/02** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2019105766A1

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**FR 3074176 A1 20190531**; **FR 3074176 B1 20200626**; CN 111566189 A 20200821; CN 111566189 B 20230110; EP 3717597 A1 20201007; JP 2021504533 A 20210215; JP 7133623 B2 20220908; KR 20200092970 A 20200804; US 11091705 B2 20210817; US 2020339892 A1 20201029; WO 2019105766 A1 20190606

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