

Title (en)

Process for the recovery of pure aromatics from reforming gasoline

Title (de)

Verfahren zur Gewinnung von Reinaromaten aus Reformattbenzin

Title (fr)

Procédé de récupération d'aromates à partir d'essence de reforming

Publication

EP 0792928 B1 20040317 (DE)

Application

EP 96120033 A 19961213

Priority

DE 19603901 A 19960203

Abstract (en)

[origin: US6124514A] A process is disclosed for generating pure aromatic compounds from a reformed gasoline which contains aromatic compounds, olefins, diolefin, and triolefins, which comprises the steps of: (a) selectively hydrogenating the olefins, diolefins and triolefins in the reformed gasoline to obtain a mixture of hydrogenated, non-aromatic compounds and aromatic compounds; and (b) separating the aromatic compounds from the hydrogenated, non-aromatic compounds in the mixture formed during step (a) by either extractive distillation, liquid-liquid extraction or both to obtain the pure aromatic compounds.

IPC 1-7

C10G 67/04; **C10G 69/08**

IPC 8 full level

B01J 23/755 (2006.01); **C07C 7/00** (2006.01); **C07C 7/08** (2006.01); **C07C 7/10** (2006.01); **C07C 7/163** (2006.01); **C07C 11/12** (2006.01); **C07C 11/21** (2006.01); **C07C 13/26** (2006.01); **C07C 15/00** (2006.01); **C07C 15/04** (2006.01); **C10G 7/08** (2006.01); **C10G 21/00** (2006.01); **C10G 45/40** (2006.01); **C10G 59/04** (2006.01); **C10G 67/04** (2006.01); **C10G 69/08** (2006.01)

CPC (source: EP US)

C10G 7/08 (2013.01 - EP US); **C10G 21/00** (2013.01 - EP US); **C10G 67/0409** (2013.01 - EP US)

Cited by

WO2011082993A1; US7371908B2; DE102010051396A1; WO2012065703A1; WO2010102712A2; DE102009012265A1; US9068125B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

US 6124514 A 20000926; AT E262020 T1 20040415; CA 2196585 A1 19970804; CZ 25097 A3 19970813; DE 19603901 A1 19970807; DE 59610939 D1 20040422; EP 0792928 A2 19970903; EP 0792928 A3 19980401; EP 0792928 B1 20040317; ES 2217298 T3 20041101; JP 4514839 B2 20100728; JP H09309846 A 19971202; KR 970061835 A 19970912; PL 318211 A1 19970804

DOCDB simple family (application)

US 79189397 A 19970131; AT 96120033 T 19961213; CA 2196585 A 19970131; CZ 25097 A 19970128; DE 19603901 A 19960203; DE 59610939 T 19961213; EP 96120033 A 19961213; ES 96120033 T 19961213; JP 1929297 A 19970131; KR 19970002925 A 19970131; PL 31821197 A 19970130