

Title (en)

Method for producing a hydrocarbon cut with a high octane level and low sulphur content

Title (de)

Verfahren zur Herstellung einer Kohlewasserstoffraktion mit hohem Oktan- und niedrigem Schwefelgehalt

Title (fr)

Procédé de production d'une coupe hydrocarbonnée à haut indice d'octane et faible teneur en soufre

Publication

EP 2256179 B1 20140820 (FR)

Application

EP 10290246 A 20100506

Priority

US 47173609 A 20090526

Abstract (en)

[origin: EP2256179A2] Producing a hydrocarbon cut having high octane index and low sulfur content from a hydrocarbon charge, comprises: hydrodesulfurizing the hydrocarbon charge, and at least one step of extracting aromatic compounds on all or part of the effluent obtained from hydrodesulfurization step, where the extraction produces a raffinate rich in paraffins with respect to the charge and an extract enriched in aromatics sent towards a gasoline pool.

IPC 8 full level

C10G 9/00 (2006.01); **C10G 9/36** (2006.01); **C10G 11/00** (2006.01); **C10G 35/00** (2006.01); **C10G 45/32** (2006.01); **C10G 67/02** (2006.01); **C10L 1/06** (2006.01)

CPC (source: BR EP KR US)

C10G 9/00 (2013.01 - BR EP KR US); **C10G 9/36** (2013.01 - BR EP KR US); **C10G 11/00** (2013.01 - BR EP KR US); **C10G 35/00** (2013.01 - BR EP KR US); **C10G 45/32** (2013.01 - BR EP KR US); **C10G 67/02** (2013.01 - BR EP KR US); **C10G 69/04** (2013.01 - KR); **C10L 1/06** (2013.01 - BR EP KR US); **C10G 2300/1096** (2013.01 - EP US); **C10G 2300/202** (2013.01 - EP KR US); **C10G 2300/305** (2013.01 - EP KR US); **C10G 2300/44** (2013.01 - EP US); **C10G 2400/02** (2013.01 - EP US); **C10G 2400/04** (2013.01 - EP US); **C10G 2400/08** (2013.01 - EP US)

Cited by

FR2969651A1; CN103339232A; FR3098824A1; US11959030B2; WO2012085408A1; WO2021008924A1

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