

Title (en)

Production of gasoline using new method, blending of petroleum material cuts

Title (de)

Herstellung von Benzin mit einem neuen Verfahren, Gemisch aus Petroleum-Materialschnitten

Title (fr)

Production d'essence selon un nouveau procédé mélangeant des découpes de matériaux de pétrole

Publication

**EP 2149594 A1 20100203 (EN)**

Application

**EP 09251755 A 20090708**

Priority

IR 1387050932 A 20080728

Abstract (en)

A method of producing a reformat suitable for use in the production of gasoline, comprising the steps of: obtaining naphtha heart cut (C5-C10 + ) from the distillation of gas condensate; removing undesired impurities from said naphtha heart cut (C5-C10 + ) by a hydrotreating step to produce hydrotreated naphtha heart cut (C5-C10 + ); and subjecting said hydrotreated naphtha heart cut (C5-C10 + ) to a catalytic reforming step to produce said reformat, wherein the temperature of said catalytic reforming step is selected to be in the range 485-510 °C; and/or an amount of hydrotreated naphtha heart cut (C5-C10 + ) is mixed with said reformat such that said reformat contains up to 45 %volume of hydrotreated naphtha heart cut (C5-C10 + ), so as to reduce the %volume of aromatics in said reformat. In addition, the invention comprises a method of producing a gasoline using such a reformat and also a gasoline comprising such a reformat.

IPC 8 full level

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CPC (source: EP)

**C10G 35/04** (2013.01); **C10G 61/02** (2013.01); **C10G 69/08** (2013.01); **C10L 1/06** (2013.01)

Citation (search report)

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