

Title (en)

PROCESS FOR THE HYDRODESULFURATION OF HYDROCARBON FRACTIONS

Title (de)

VERFAHREN ZUR HYDROENTSCHEFELUNG VON KOHLENWASSERSTOFF ANTEILEN

Title (fr)

PROCÉDÉ D'HYDRODESULFURATION DE COUPES D'HYDROCARBURES

Publication

EP 2886629 B1 20231101 (FR)

Application

EP 14306951 A 20141204

Priority

FR 1362892 A 20131218

Abstract (en)

[origin: US2015166907A1] A process for the concomitant production of at least two hydrocarbon cuts with low sulphur contents from a mixture of hydrocarbons having a total sulphur content in the range 30 to 10000 ppm by weight, by a) hydrodesulphurization in the presence of hydrogen and a hydrodesulphurization catalyst; b) separating hydrogen sulphide from the partially desulphurized effluent obtained from a); c) hydrodesulphurization of the partially desulphurized mixture obtained from b) in the presence of hydrogen and a hydrodesulphurization catalyst, the temperature of the second hydrodesulphurization being higher than that of the first hydrodesulphurization; d) fractionating the desulphurized mixture obtained in c) into at least two desulphurized hydrocarbon cuts.

IPC 8 full level

C10G 45/04 (2006.01); **C10G 45/08** (2006.01); **C10G 65/04** (2006.01)

CPC (source: EP RU US)

C10G 45/04 (2013.01 - EP RU US); **C10G 45/08** (2013.01 - EP RU US); **C10G 65/04** (2013.01 - EP RU US); **C10G 67/02** (2013.01 - RU US); **C10G 2300/104** (2013.01 - EP US); **C10G 2300/1044** (2013.01 - EP US); **C10G 2300/1051** (2013.01 - EP US); **C10G 2300/1055** (2013.01 - EP US); **C10G 2300/1059** (2013.01 - EP US); **C10G 2300/202** (2013.01 - EP US); **C10G 2400/02** (2013.01 - EP US); **C10G 2400/04** (2013.01 - EP US); **C10G 2400/06** (2013.01 - EP US)

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