

Title (en)

Process and apparatus for the conversion of a hydrocarbon feedstock using two hydrotreatment reactors and one single fractionation unit

Title (de)

Verfahren und Einrichtung zur Umwandlung einer Kohlenwasserstoffbeschickung mit zwei Wasserstoffbehandlungsreaktoren und einer einzigen Fraktionierungsanlage

Title (fr)

Procédé et dispositif conversion d'une charge d'hydrocarbures, mettant en oeuvre deux réacteurs d'hydrotraitement et une seule unité de fractionnement

Publication

EP 0819752 B1 20010411 (FR)

Application

EP 97401730 A 19970717

Priority

FR 9609090 A 19960719

Abstract (en)

[origin: EP0819752A1] A process for the conversion by hydrotreatment of a hydrocarbon charge is carried out in conversion reactions (10, 110, 104, 114) and a single fractionation unit (12) arranged between them, in which both effluents of the two reactors are fractionated. The effluents of both reactors (10, 14) are recovered within two separate zones (24, 26) of the fractionator. The fractions of the effluents vapourised in (12) are re-condensed and withdrawn from a common zone (34) of the unit. Two separate withdrawals (18, 28) are effected on the distillation residues from the zones (24, 26) of the fractionation unit in which the effluents from (10, 14) are treated. The effluent from the first reactor (10) is collected in a zone (24) whilst the withdrawal (18) of distillation residues from this zone are directed to the inlet of the second reactor (14). Also claimed is the installation for effecting this process.

IPC 1-7

C10G 65/12; **C10G 65/10**

IPC 8 full level

C10G 65/10 (2006.01); **C10G 65/12** (2006.01)

CPC (source: EP)

C10G 65/10 (2013.01); **C10G 65/12** (2013.01)

Cited by

CN102985515A; EP0851020A1; CN103370397A; AU2011280064B2; US8647500B2; US9493718B2; US8828217B2; WO2012012091A3; WO2012012088A3; WO2011068666A1; US8852425B2; WO2013070566A1; US9028673B2; WO2012012088A2; US8591726B2; WO2011133829A1; US9290703B2

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