

Title (en)

A method of separating light ends from a mixed hydrocarbon feed, and apparatus for carrying out the method.

Title (de)

Verfahren und Vorrichtung zur Abtrennung von Leichtfraktionen aus einem Einsatzgemisch aus Kohlenwasserstoffen.

Title (fr)

Méthode de séparation des fractions légères d'une charge d'hydrocarbures mélangés et appareillage pour l'exécution de cette méthode.

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Application

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Priority

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Abstract (en)

Fouling during separation of light ends from a mixed hydrocarbon feed in a fractionating tower, particularly in the depropanizer in ethylene separation from steam cracked naphtha, is reduced by fractionating the vapour portion of the feed in a first tower (21) before fractionating the liquid portion of the feed together with the bottoms from the first tower in a second tower (24) operating at a lower pressure than the first. The bottoms temperature of second fractionation is thereby reduced which reduces fouling. Energy consumption is reduced by decreased refrigeration and heating requirements.

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