

Title (en)

PROCESS FOR THE PREPARATION OF AN AROMATIC CONCENTRATE USEFUL AS A BLENDING COMPONENT FOR CARBURETTOR FUELS

Publication

EP 0241638 B1 19910102 (DE)

Application

EP 87100581 A 19870117

Priority

- DE 3612384 A 19860412
- DE 3726449 A 19870808

Abstract (en)

[origin: US4925535A] The process for production of an aromate concentrate for use as a blending component for gasification fuel includes subjecting another feed hydrocarbon mixture to an extractive distillation using N-substituted morpholines as selective solvent in a extractive distillation column. Low-boiling non-aromates with a boiling range up to about 105 DEG C. practically completely and higher-boiling non-aromates with a boiling range between about 105 DEG and 160 DEG C. to a substantial extent are discharged as a raffinate from the top of the extractive distillation column. The extract bottoms from the extractive distillation are fed to a solvent stripping column where the solvent is at least partially recovered from other hydrocarbons. To eliminate condensation and polymerization products due to components with a boiling point over 170 DEG C. from the feed hydrocarbon mixture which can impair the process, a feed hydrocarbon mixture which contains those high boiling components is predistilled prior to extractive distillation to remove them. The top product from the predistillation column is fed to the extractive distillation column for extractive distillation. The predistillation residue can then be added to other hydrocarbons to form the aromate concentrate.

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C10G 7/08

IPC 8 full level

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