

Title (en)
PROCESS FOR DEWAXING HEAVY DISTILLATES AND RESIDUAL LIQUIDS

Publication
EP 0181066 A3 19880720 (EN)

Application
EP 85306342 A 19850906

Priority
US 66579384 A 19841029

Abstract (en)
[origin: EP0181066A2] Process for dewaxing heavy distillate and residual feed. Easily converted waxes are partially removed in a first catalytic dewaxing step, and the resulting product is separated to remove the light ends. The heavy liquid fraction, which contains difficult to convert waxes, such as poly-branched or mid-methyl branched paraffin waxes, is then introduced into a second dewaxing stage, where the liquid stream is dewaxed to a specification pour point. The process may be implemented via double pass dewaxing in existing units or by passing through two consecutive dewaxing units. Improvements are due to a decoupling of temperature requirements in each reaction step and removal of cracked products which inhibit dewaxing and accelerate aging in the second dewaxing stage.

IPC 1-7
C10G 65/04; **C10G 45/64**

IPC 8 full level
C10G 73/02 (2006.01); **C10G 45/64** (2006.01); **C10G 55/06** (2006.01); **C10G 65/04** (2006.01)

CPC (source: EP)
C10G 45/64 (2013.01); **C10G 55/06** (2013.01); **C10G 65/043** (2013.01)

Citation (search report)
• [X] EP 0072220 A1 19830216 - MOBIL OIL CORP [US]
• [A] US 3431194 A 19690304 - BARTOK WILLIAM, et al

Cited by
US4921593A; EP0234123A1; EP0304251A1; US4908120A; EP0202744A3; WO9929810A1; EP0264158B1

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