

Title (en)
Method for transporting naphtha in a crude oil pipe line

Title (de)
Verfahren zum Transportieren von Naphta in einer Rohöhrleitung

Title (fr)
Procédé de transport de naphtha dans un oléoduc de pétrole brut

Publication
EP 1076201 A1 20010214 (FR)

Application
EP 00402244 A 20000808

Priority
FR 9910322 A 19990809

Abstract (en)
Naphtha is transported using a pipeline also used for transporting crude oil. The naphtha is supplied to the pipeline in batches preceded and followed by batches of condensate. At the receiving end the pipeline each bath of naphtha is recovered after the leading interface of naphtha and condensate arrives and before the trailing interface arrives. An Independent claim is included for the naphtha supplied to and recovered from a pipeline as above. Preferred Features: The condensate is distilled from crude oil or natural gas between 30 degrees C and 200-350 degrees C. Each batch of condensate is $\geq 1500\text{ m}^3$ and preferably $\geq 4500\text{ m}^3$. The batches of condensate need not be the same size. The naphtha/condensate interfaces are detected by a densitometry and/or a colorimeter.

Abstract (fr)
Ce procédé de transport d'un lot de naphta dans un oléoduc dont la destination première est de transporter du pétrole brut, est caractérisé par le fait que l'on fait cheminer dans l'oléoduc le lot de naphta encadré par des lots de condensats, à savoir un lot de condensat de tête et un lot de condensat de queue, et, à l'arrivée, on récupère le lot de naphta entre un moment de situant au plus tôt à la fin ou sensiblement à la fin du passage de la zone interface condensat de tête/naphta et un moment se situant au plus tard au début ou sensiblement au début de l'apparition de la zone interface naphta/condensat de queue.

IPC 1-7
F17D 3/05

IPC 8 full level
F17D 1/08 (2006.01); **C10G 9/36** (2006.01); **C10G 73/02** (2006.01); **F17D 3/05** (2006.01)

CPC (source: EP KR US)
C10G 73/02 (2013.01 - KR); **F17D 3/05** (2013.01 - EP US); **Y10T 137/0391** (2015.04 - EP US)

Citation (search report)

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