Title (en)

METHOD FOR PRODUCING A C3+ HYDROCARBON-RICH FRACTION AND A METHANE- AND ETHANE-RICH STREAM FROM A HYDROCARBON-RICH FEED STREAM, AND RELATED FACILITY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KOHLENWASSERSTOFFREICHEN C3 +-FRAKTION UND EINE METHAN-UND ETHANREICHEN STROM AUS EINER KOHLENWASSERSTOFF-REICHEN EINSATZSTROMS UND ZUGEHÖRIGE ANLAGE

Title (fr)

PROCEDE DE PRODUCTION D'UNE COUPE RICHE EN HYDROCARBURES EN C3+ ET D'UN COURANT RICHE EN METHANE ET ETHANE A PARTIR D'UN COURANT D'ALIMENTATION RICHE EN HYDROCARBURES ET INSTALLATION ASSOCIEE.

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Application

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Abstract (en)

[origin: WO2012093164A1] The invention relates to a method that comprises separating a feed stream (16) into a first fraction (60) and a second fraction (62), and placing at least part of the second fraction (62) into a second dynamic expansion turbine (46) so as to form a second expanded fraction (80). Said method further comprises cooling the second expanded fraction (80) by exchanging heat with at least a portion of the first headstream (84) from a first column (28), and forming a second feed stream (82) of the first column (28) from the cooled second expanded fraction.

IPC 8 full level

C10G 5/06 (2006.01); **C07C 7/09** (2006.01); **C07C 9/00** (2006.01); **F25J 3/02** (2006.01); **F25J 3/06** (2006.01)

CPC (source: EP US)

C07C 7/005 (2013.01 - EP US); **C07C 7/04** (2013.01 - EP US); **C07C 7/09** (2013.01 - EP US); **C10G 5/06** (2013.01 - EP US); **F25J 1/0022** (2013.01 - US); **F25J 3/0209** (2013.01 - EP US); **F25J 3/0233** (2013.01 - EP US); **F25J 3/0242** (2013.01 - EP US); C10G 2400/02 (2013.01 - EP US); F25J 2200/04 (2013.01 - EP US); F25J 2200/08 (2013.01 - EP US); F25J 2200/74 (2013.01 - EP US); F25J 2200/78 (2013.01 - EP US); F25J 2205/04 (2013.01 - EP US); F25J 2210/06 (2013.01 - EP US); F25J 2230/24 (2013.01 - EP US); F25J 2230/32 (2013.01 - EP US); F25J 2230/60 (2013.01 - EP US); F25J 2235/60 (2013.01 - EP US); F25J 2240/02 (2013.01 - EP US); F25J 2245/02 (2013.01 - EP US); F25J 2270/04 (2013.01 - EP US); F25J 2290/80 (2013.01 - EP US)

C-Set (source: EP US)

1. **C07C 7/005** + **C07C 9/08**
2. **C07C 7/005** + **C07C 9/10**
3. **C07C 7/04** + **C07C 9/10**
4. **C07C 7/04** + **C07C 9/08**
5. **C07C 7/09** + **C07C 9/08**
6. **C07C 7/09** + **C07C 9/10**

Citation (search report)

See references of WO 2012093164A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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