

Title (en)

METHOD FOR LIQUEFYING A HYDROCARBON-ENRICHED FLOW

Title (de)

VERFAHREN ZUM VERFLUESSIGEN EINES KOHLENWASSERSTOFF-REICHEN STROMES

Title (fr)

PROCEDE DE LIQUEFACTION D'UN COURANT RICHE EN HYDROCARBURES

Publication

EP 1834142 A1 20070919 (DE)

Application

EP 05819268 A 20051212

Priority

- EP 2005013313 W 20051212
- DE 102005000647 A 20050103

Abstract (en)

[origin: WO2006072365A1] The invention relates to a method for liquefying a hydrocarbon-enriched flow, especially a natural gas flow, the liquefaction of the hydrocarbon-rich flow being carried out against a cascade of two or three coolant mixture circuits. According to the invention, no other flow is involved in the heat exchange (E1, E2) between the hydrocarbon-rich flow (1) to be pre-cooled and the coolant mixture (S3) of the first coolant mixture circuit.

IPC 8 full level

F25J 1/02 (2006.01)

CPC (source: EP KR US)

F25J 1/0022 (2013.01 - EP US); **F25J 1/0052** (2013.01 - EP US); **F25J 1/02** (2013.01 - KR); **F25J 1/0214** (2013.01 - EP US); **F25J 1/0217** (2013.01 - EP US); **F25J 1/0262** (2013.01 - EP US); **F25J 1/0263** (2013.01 - EP US); **F25J 1/0265** (2013.01 - EP US); **F25J 1/0292** (2013.01 - EP US); **F25J 1/0295** (2013.01 - EP US)

Citation (search report)

See references of WO 2006072365A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005000647 A1 20060713; BR PI0518535 A2 20081125; CN 101095021 A 20071226; EP 1834142 A1 20070919; JP 2008527286 A 20080724; KR 20070111472 A 20071121; MX 2007008045 A 20070716; US 2009019888 A1 20090122; WO 2006072365 A1 20060713

DOCDB simple family (application)

DE 102005000647 A 20050103; BR PI0518535 A 20051212; CN 200580045857 A 20051212; EP 05819268 A 20051212; EP 2005013313 W 20051212; JP 2007548716 A 20051212; KR 20077017858 A 20070802; MX 2007008045 A 20051212; US 81328105 A 20051212