

Title (en)
INTEGRATED ACID GAS AND SOUR GAS REINJECTION PROCESS

Title (de)
INTEGRIERTER WIEDEREINSPRITZPROZESS FÜR SÄUREGAS UND SAURES GAS

Title (fr)
PROCÉDÉ INTÉGRÉ DE RÉINJECTION DE GAZ ACIDE ET DE GAZ SULFUREUX

Publication
EP 1819976 A1 20070822 (EN)

Application
EP 05811899 A 20051019

Priority
• US 2005038236 W 20051019
• US 63336104 P 20041203

Abstract (en)
[origin: WO2006062595A1] A method for hydrocarbon processing is provided. In one or more embodiments, the method includes splitting a hydrocarbon stream comprising natural gas and acid gas into a first stream and a second stream. Alternatively, the first stream and second stream may be provided from other sources. The first stream is processed to remove a portion of the acid gas therefrom, thereby producing a third stream comprising the acid gas removed from the first stream and a fourth stream comprising less than 100 ppm of sulfur-containing compounds. The second stream is combined with the third stream to provide a combined stream, which is compressed and reinjected into a subterranean reservoir.

IPC 8 full level
F25J 3/02 (2006.01); **B65G 5/00** (2006.01); **C10L 3/10** (2006.01)

CPC (source: EP US)
C10L 3/10 (2013.01 - EP US); **F25J 3/0209** (2013.01 - EP US); **F25J 3/0233** (2013.01 - EP US); **F25J 3/0238** (2013.01 - EP US); **F25J 3/0266** (2013.01 - EP US); **F25J 2200/02** (2013.01 - EP US); **F25J 2200/76** (2013.01 - EP US); **F25J 2205/20** (2013.01 - EP US); **F25J 2210/06** (2013.01 - EP US); **F25J 2220/66** (2013.01 - EP US); **F25J 2240/02** (2013.01 - EP US); **F25J 2240/30** (2013.01 - EP US); **F25J 2260/80** (2013.01 - EP US); **F25J 2270/04** (2013.01 - EP US); **F25J 2280/40** (2013.01 - EP US); **Y02C 20/40** (2020.08 - EP US)

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)
WO 2006062595 A1 20060615; CA 2583120 A1 20060615; CA 2583120 C 20140325; EA 014650 B1 20101230; EA 200701206 A1 20071026; EP 1819976 A1 20070822; EP 1819976 A4 20120404; US 2008034789 A1 20080214

DOCDB simple family (application)
US 2005038236 W 20051019; CA 2583120 A 20051019; EA 200701206 A 20051019; EP 05811899 A 20051019; US 66403805 A 20051019