

Title (en)
METHOD TO INCREASE GAS MASS FLOW INJECTION RATES TO GAS STORAGE CAVERNS USING LNG

Title (de)
VERFAHREN ZUR ERHÖHUNG DER GASMASSENSTROMEINSPRITZRATEN FÜR GASSPEICHERKAVERNEN UNTER VERWENDUNG VON LNG

Title (fr)
PROCÉDÉ D'AUGMENTATION DES DÉBITS D'INJECTION MASSIQUES DE GAZ DANS DES CAVERNES DE STOCKAGE AU MOYEN DE GNL

Publication
EP 2364413 B1 20160615 (EN)

Application
EP 08877918 A 20081110

Priority
CA 2008001975 W 20081110

Abstract (en)
[origin: WO2010051617A1] A method to increase gas mass flow loading rates to a gas storage cavern includes using liquid natural gas (LNG) to cool natural gas in a natural gas flow line upstream of a compressor used to compress gas for storage in to a gas storage cavern.

IPC 8 full level
F17C 5/06 (2006.01); **E21F 17/16** (2006.01); **F17D 1/02** (2006.01); **F17D 1/20** (2006.01)

CPC (source: EP US)
F17C 5/06 (2013.01 - EP US); **F17C 2201/052** (2013.01 - EP US); **F17C 2221/033** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2227/0135** (2013.01 - EP US); **F17C 2227/0157** (2013.01 - EP US); **F17C 2227/0339** (2013.01 - EP US); **F17C 2227/0395** (2013.01 - EP US); **F17C 2250/043** (2013.01 - EP US); **F17C 2250/0439** (2013.01 - EP US); **F17C 2250/0491** (2013.01 - EP US); **F17C 2250/0636** (2013.01 - EP US); **F17C 2260/023** (2013.01 - EP US); **F17C 2260/025** (2013.01 - EP US); **F17C 2270/0152** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2010051617 A1 20100514; EP 2364413 A1 20110914; EP 2364413 A4 20141231; EP 2364413 B1 20160615; US 2011214839 A1 20110908

DOCDB simple family (application)
CA 2008001975 W 20081110; EP 08877918 A 20081110; US 200813128603 A 20081110