

Title (en)

METHOD FOR THE CYCLICAL PISTONLESS COMPRESSION OF THE GAS PHASE OF DEEP-FROZEN LIQUEFIED GASES

Title (de)

VERFAHREN ZUR ZYKLISCHEN KOLBENLOSEN KOMPRESSION DES GASPHASE TIEFKALT VERFLÜSSIGTER GASE

Title (fr)

PROCÉDÉ DE COMPRESSION CYCLIQUE, SANS PISTON, DE LA PHASE GAZEUSE DE GAZ LIQUÉFIÉS À BASSE TEMPÉRATURE.

Publication

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Application

**EP 07718433 A 20070508**

Priority

- AT 2007000219 W 20070508
- AT 7902006 A 20060508

Abstract (en)

[origin: WO2007128023A1] Disclosed is a method for the cyclical pistonless compression of the gas phase of deep-frozen liquefied gases. In said method, deep-frozen liquefied gases are placed in a dosing receptacle, and a metered amount is fed to an evaporator, whereupon the evaporated amount of gas is drawn off or fed into a pipeline system. The dosing receptacle is then once again filled with liquid gas, and the pressure prevailing in the evaporator last used is utilized for pressing the liquid gas out of the dosing receptacle into another evaporator. Different evaporators are cyclically fed from the dosing receptacle while the pressure in the dosing receptacle and, if necessary, in the evaporator that is to be filled is released before a metered amount of the liquefied gas is introduced once again.

IPC 8 full level

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