

Title (en)

APPARATUS AND METHOD FOR COMPENSATION OF EXTRACTION OF NATURAL GAS FROM A NATURAL GAS FIELD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KOMPENSATION DER EXTRAKTION VON ERDGAS AUS EINEM ERDGASFELD

Title (fr)

APPAREIL ET PROCÉDÉ POUR LA COMPENSATION D'EXTRACTION DE GAZ NATUREL À PARTIR D'UN CHAMP DE GAZ NATUREL

Publication

EP 3247875 B1 20201216 (EN)

Application

EP 16716709 A 20160114

Priority

- NL 1041144 A 20150115
- NL 2014964 A 20150612
- NL 2016050034 W 20160114

Abstract (en)

[origin: RU2684553C2] FIELD: gas industry.SUBSTANCE: group of inventions relates to the field of natural gas production from a gas field, and in particular, to the compensation of natural gas production while reducing reservoir pressure, leading to subsidence of the layers. Device contains one or more supply channels made with the possibility of supplying a compensation gas in a natural gas field. For this purpose, at least a first gas source is provided, which is adapted to be connected to said one or more channels for supplying non-inert gas. Device is made with the possibility of adding an inert gas as a separation layer between natural gas in the gas field and non-inert gas. This separation layer prevents the possibility of a chemical reaction between the non-inert gas and natural gas.EFFECT: technical result is improving the reliability of the proposed solutions to prevent subsidence of layers.24 cl, 3 dwg

IPC 8 full level

E21B 43/16 (2006.01)

CPC (source: EP RU)

E21B 43/16 (2013.01 - RU); **E21B 43/168** (2013.01 - EP)

Citation (examination)

- US 3822747 A 19740709 - MAGUIRE J
- US 4566536 A 19860128 - HOLMES BILLY G [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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