

Title (en)

Device for connecting a production facility for non-fossil natural gas to a gas distribution network, in particular a public gas distribution network

Title (de)

Vorrichtung zum Verbinden einer Produktionsanlage für nicht-fossiles Erdgas mit einem Gasnetz

Title (fr)

Dispositif pour relier une installation de production de gaz avec un réseau de distribution du gaz

Publication

EP 2045507 B1 20111012 (EN)

Application

EP 08162176 A 20080811

Priority

NL 1034304 A 20070829

Abstract (en)

[origin: EP2045507A1] According to the invention, a device (14) for connecting a production facility (10) for non-fossil natural gas to a gas distribution network (12) comprises a supply line (18) for introducing non-fossil natural gas which has been produced, provided with a shut-off valve (24); a return line (30) for returning non-fossil natural gas; a discharge line (28) for discharging non-fossil natural gas; pressure-reducing means (38) for reducing the pressure of non-fossil natural gas produced in said production facility to a predetermined value; a flow meter (32) for measuring the flow rate of non-fossil natural gas; a measuring device (22) for measuring the caloric value of non-fossil natural gas at a location upstream of the shut-off valve (24) in the supply line (18); an analyzing device (20) for at least partially analyzing the composition of biogas at a location upstream of the shut-off valve (24) in the supply line (18); a control device (26) for controlling the shut-off valve (24) on the basis of the data provided by the measuring device (32) and by the analyzing device (20).

IPC 8 full level

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CPC (source: EP)

F17D 1/04 (2013.01)

Cited by

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