

Title (en)

GAS-PRESSURE REDUCING STATION WITH RADIANT HEATING DEVICE

Title (de)

GASDRUCKMINDERUNGSAUSRÜSTUNG MIT EINEM STRAHLUNGSHEIZGERÄT

Title (fr)

ENSEMBLE EQUIPEMENT DE FONCTIONNEMENT DE STATIONS DE REDUCTION DE LA PRESSION DU GAZ

Publication

EP 1322889 B1 20041103 (EN)

Application

EP 01970042 A 20010924

Priority

- HU 0100095 W 20010924
- HU 0000284 U 20000925

Abstract (en)

[origin: WO0225165A1] The subject of the invention relates to a set of equipment for the operation of gas-pressure reducing stations, which contains at least one input connection and output connection connected to the gas pipeline, and, furthermore, one or more valve structures arranged between the input connection and the output connection, as well as a heating unit, the heating unit has a housing surrounding at least part of the heat exchanger space of the heating unit, a primary gas duct leading through the heat exchanger space of the housing, and a heat transfer part-unit also placed in the heat exchange space. The characteristic feature of the invention is that that the primary gas duct (43) is connected to the high pressure section (11) of the gas pipeline (10), the heat transfer part-unit (50) contains the supply pipe (51) connected to the low pressure section (30) of the gas pipeline (10), the feed head (52) connected to the free end (51a) of the supply pipe (51), and the radiant heater body (53) placed near the feed head (52), the radiant heater body (53) has a radiating surface (53a), a reaction part-unit (53b) placed along the radiating surface (53a), and a preheating element (53c) fitted into the reaction part-unit (53b), and the radiating surface (53a) of the radiant heater body (53) is positioned in the vicinity of the primary gas duct (43).

IPC 1-7

F17D 1/05

IPC 8 full level

F17D 1/05 (2006.01)

CPC (source: EP)

F17D 1/05 (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0225165 A1 20020328; AT E281628 T1 20041115; AU 9016001 A 20020402; DE 60106967 D1 20041209; DE 60106967 T2 20051103; EP 1322889 A1 20030702; EP 1322889 B1 20041103; ES 2232664 T3 20050601; HU 0000284 V0 20001128; HU 1991 U 20010430; PT 1322889 E 20050331

DOCDB simple family (application)

HU 0100095 W 20010924; AT 01970042 T 20010924; AU 9016001 A 20010924; DE 60106967 T 20010924; EP 01970042 A 20010924; ES 01970042 T 20010924; HU 0000284 U 20000925; PT 01970042 T 20010924