

Title (en)

STATION FOR REGULATING THE CIRCULATION OF A GAS BETWEEN TWO GAS NETWORKS

Title (de)

STATION ZUR REGELUNG DER ZIRKULATION EINES GASES ZWISCHEN ZWEI GASNETZWERKEN

Title (fr)

POSTE DE RÉGULATION DE LA CIRCULATION D'UN GAZ ENTRE DEUX RÉSEAUX DE GAZ

Publication

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Application

EP 20833883 A 20201221

Priority

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- EP 2020087412 W 20201221

Abstract (en)

[origin: WO2021123418A1] The invention relates to a station for regulating the circulation of a gas from a network referred to as the "upstream" network conveying the gas at a pressure P_a to a network referred to as the "downstream" gas network conveying the gas at a pressure P_b such that P_a is strictly higher than P_b , which comprises: - a compression device comprising a piston actuated by the expansion of gas supplied by the upstream network and configured to compress a gas referred to as "driving gas", - a discharging to the downstream network of the gas from the upstream network that has been expanded in the compression device, and - a pneumatic valve configured to control the flow rate of gas from the upstream network circulating towards the downstream network, and actuated by the driving gas. The invention also relates to a method for regulating the circulation of a gas between an upstream network and a downstream network.

IPC 8 full level

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CPC (source: EP)

F17D 1/04 (2013.01); **F17C 2265/068** (2013.01)

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- WO 2020128400 A1 20200625 - GRTGAZ [FR]
- DE 4416359 C2 19981008 - DEHLI MARTIN PROF DR ING [DE]

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