

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

**EP 4078016 A1 20221026 (FR)**

Application

**EP 20833883 A 20201221**

Priority

- FR 1915368 A 20191220
- 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)

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Citation (search report)

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