

Title (en)  
Gas blending system.

Title (de)  
Gasmischungssystem.

Title (fr)  
Système de mélange des gaz.

Publication  
**EP 0673676 A1 19950927 (EN)**

Application  
**EP 95104134 A 19950321**

Priority  
US 21600094 A 19940322

Abstract (en)  
A tracer gas line (2) and a carrier gas line (6) are used to provide a tracer gas, such as helium, and a carrier gas, such as nitrogen, for blending. A back pressure controlling regulator (1) is positioned in the tracer gas line and is controlled by a signal from the carrier gas line, so that the tracer gas pressure matches the carrier gas pressure under varying carrier gas flow and/or downstream pressure conditions. The two gas lines are piped to a common discharge manifold (4), and contain valves or orifices (3,7) adapted to maintain the same carrier and tracer gas flow proportions independent of changes in carrier flow or pressure. <IMAGE>

IPC 1-7  
**B01F 3/02**

IPC 8 full level  
**B01F 23/10** (2022.01)

CPC (source: EP)  
**B01F 23/061** (2022.01); **B01F 23/19** (2022.01); **B01F 35/2113** (2022.01); **B01F 35/2213** (2022.01)

Citation (search report)

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Designated contracting state (EPC)  
ES IT

DOCDB simple family (publication)  
**EP 0673676 A1 19950927**; BR 9501145 A 19951024; CA 2145160 A1 19950923

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