

Title (en)  
Drive for gas metering and mixing pump.

Title (de)  
Mischgaspumpen-Antrieb.

Title (fr)  
Entraînement pour pompe doseuse pour gaz.

Publication  
**EP 0402625 B1 19940323 (DE)**

Application  
**EP 90108801 A 19900510**

Priority  
DE 3915716 A 19890513

Abstract (en)  
[origin: EP0402625A1] By the continuous operation of a stepping motor as a drive for a gas-metering pump, it is possible to produce exact mixtures of several components, to change the mixture ratio when required and to vary the total throughput via the stepping speed. The stepping motor can be activated via computer or SPC (stored- program controller). Calibration operations, comparative-gas production, sample preparation and recipe production can thereby be fully automated.

IPC 1-7  
**F04B 13/00**; **F04B 49/06**

IPC 8 full level  
**F04B 13/00** (2006.01); **F04B 35/04** (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP)  
**F04B 35/04** (2013.01)

Cited by  
DE19623537A1; DE19623537C2; WO2023186852A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0402625 A1 19901219**; **EP 0402625 B1 19940323**; DE 3915716 A1 19901115; DE 59005057 D1 19940428; JP H033979 A 19910110

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**EP 90108801 A 19900510**; DE 3915716 A 19890513; DE 59005057 T 19900510; JP 12019690 A 19900511