

Title (en)
MASS FLOW CONTROLLER

Title (de)
VORRICHTUNG ZUR MASSENSTROMSTEUERUNG

Title (fr)
REGULATEUR DE FLUX MASSIQUE

Publication
EP 0711430 A1 19960515 (EN)

Application
EP 93916478 A 19930610

Priority
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• US 89819592 A 19920612

Abstract (en)
[origin: WO9325950A1] A mass flow controller (10) includes a base bypass block (12) having a flow rate sensor unit (18) connected thereto. The flow sensor (18) generates a flow signal in response to a flow of gas therethrough. A set point signal is received and combined with an internally generated set point correction signal to produce a corrected set point signal. The corrected set point signal is compared with the flow signal to produce an error signal. The error signal is used to drive a valve (20) connected to the bypass block (12) to control the flow of gas.

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