

Title (en)  
DEVICE FOR THE REGULATION OF GAS-FIRING MIXTURES

Publication  
**EP 0015480 B1 19840620 (DE)**

Application  
**EP 80100938 A 19800226**

Priority  
DE 2908197 A 19790302

Abstract (en)  
[origin: EP0015480A2] 1. Apparatus for maintaining constant the mixing ratio of gas and combustion air which are fed through separate conduits to a blast burner having a pressure measuring point in one of the conduits, a membrane operated pressure transformer connected to the pressure measuring point which receives its working medium from one of the two conduits and produces a proportional pressure corresponding to the measured pressure and having a constant pressure controller controlled by the proportional pressure in the other conduit, characterised in that the membrane (16) of the pressure transformer (1) is held in its position of equilibrium by a valve controlled pilot (20) which receives the working medium and applies the proportional pressure to the constant pressure controller (11).

IPC 1-7  
**F23N 1/02**

IPC 8 full level  
**F23N 1/02** (2006.01)

CPC (source: EP)  
**F23N 1/027** (2013.01)

Cited by  
EP0390964A3; DE3818363A1; EP0589404A1; GB2165347A; GB2185810A; GB2185810B; CN109442405A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0015480 A2 19800917; EP 0015480 A3 19810107; EP 0015480 B1 19840620; DE 2908197 A1 19800904; DE 2908197 C2 19850822**

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