

Title (en)  
Control device for a burner

Title (de)  
Regeleinrichtung für einen Brenner

Title (fr)  
Dispositif de commande pour un brûleur

Publication  
**EP 1154202 B1 20040616 (DE)**

Application  
**EP 01110418 A 20010427**

Priority  
• DE 10023265 A 20000512  
• DE 10025769 A 20000526

Abstract (en)  
[origin: EP1154202A2] The regulating device (15) for a burner has an ionization electrode (16) in the flame area of the burner influencing the fuel and air feed amounts dependent upon a positioning signal (18). Connected beyond the ionization electrode is an ionization evaluator (14) which produces an ionization signal (13). In a control unit (23), in which characteristic data is stored for determining a first condition of the positioning member (17), is produced time wise a first control signal (24). A regulator (26) produces the positioning signal at least time wise dependent upon the ionization signal and likewise dependent upon the first control signal (24).

IPC 1-7  
**F23N 1/02**; **F23N 5/12**

IPC 8 full level  
**F23N 1/02** (2006.01); **F23N 5/12** (2006.01)

CPC (source: EP KR US)  
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Cited by  
DE102019101329A1; DE102021214839A1; EP4060233A1; EP4060232A1; EP1396681A1; DE102011111453A1; EP2871473A1; EP3290800A1; EP4141322A1; DE102021121027A1; WO2017060135A1; EP3663648A1; EP4283195A1; EP4283196A1

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