

Title (en)
Control device for gas burners

Title (de)
Regeleinrichtung für Gasbrenner

Title (fr)
Dispositif de commande pour brûleur à gaz

Publication
EP 0390964 B2 19960724 (DE)

Application
EP 89114136 A 19890801

Priority
DE 3911268 A 19890407

Abstract (en)
[origin: EP0390964A2] In a control device for regulation in the same direction of gas supply and combustion air supply to a burner (11), the heat-requirement regulator (6) controls the speed of a blower (8, 9) providing the combustion air. A differential pressure signal corresponding to the quantity of combustion air provided is supplied to a control module (19) designed as an amplifying servo-pressure regulator, which provides the control pressure for a gas-regulating valve (15) designed as a servo-valve. <IMAGE>

IPC 1-7
F23N 1/02; **F23N 5/18**; **F23N 1/10**

IPC 8 full level
F23N 1/02 (2006.01); **F23N 1/10** (2006.01); **F23N 5/00** (2006.01); **F23N 5/18** (2006.01)

CPC (source: EP)
F23N 1/027 (2013.01); **F23N 1/107** (2013.01); **F23N 1/10** (2013.01); **F23N 2005/182** (2013.01); **F23N 2005/185** (2013.01); **F23N 2225/06** (2020.01); **F23N 2225/19** (2020.01); **F23N 2233/06** (2020.01); **F23N 2233/08** (2020.01); **F23N 2235/20** (2020.01); **F23N 2239/04** (2020.01)

Cited by
WO0210648A1; CN105509298A; CN100436943C; DE19922226C1; GB2284473A; GB2284473B; EP0644377A1; US5520533A; EP3957910A1; DE10037234A1; DE19821853C1; EP0697563A1; US2014124587A1; US9528712B2; WO9963272A1; WO0070267A1; EP0833106A2; EP0957314A2; WO2022183429A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0390964 A2 19901010; **EP 0390964 A3 19901227**; **EP 0390964 B1 19930929**; **EP 0390964 B2 19960724**; DE 3911268 A1 19901011; DE 58905781 D1 19931104; JP H0355424 A 19910311

DOCDB simple family (application)
EP 89114136 A 19890801; DE 3911268 A 19890407; DE 58905781 T 19890801; JP 9186290 A 19900406