

Title (en)

Heating apparatus and control method for a heating apparatus

Title (de)

Heizgerät und Verfahren zur Regelung eines Heizgerätes

Title (fr)

Dispositif de chauffage et méthode pour contrôler ce dispositif et appareil de chauffage

Publication

**EP 0740111 B1 19990602 (DE)**

Application

**EP 95120753 A 19951230**

Priority

DE 19515656 A 19950428

Abstract (en)

[origin: EP0740111A1] A control method for gas- or oil-fired heating equipment, including a burner with a flue-gas duct and a control unit for regulating the heating equipment output in relation to the heating equipment output in relation to the heating requirements, involves the following steps: determining the minimum flue-gas temp. at a given location in the heating system which is required to keep the flue-gas temp. above the dew point along the course of the flue-gas duct (18). The flue-gas temp. is then measured and the burner output increased if the measured temp. is under the min. required flue-gas temp.

IPC 1-7

**F23N 5/24**

IPC 8 full level

**F23N 5/00** (2006.01); **F23N 5/02** (2006.01); **F23N 5/24** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)

**F23N 5/003** (2013.01); **F23N 5/022** (2013.01); **F24H 9/0036** (2013.01); **F23N 2225/10** (2020.01); **F23N 2225/12** (2020.01); **F23N 2225/26** (2020.01)

Cited by

EP1382919A1; EP1030128A4; US6397787B1; US6497199B2

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0740111 A1 19961030**; **EP 0740111 B1 19990602**; DE 19515656 A1 19961031; DE 59506098 D1 19990708; ES 2134402 T3 19991001

DOCDB simple family (application)

**EP 95120753 A 19951230**; DE 19515656 A 19950428; DE 59506098 T 19951230; ES 95120753 T 19951230