

Title (en)

Method and device for regulating the running time of a burner

Title (de)

Verfahren und Vorrichtung zum Regeln der Laufzeit eines Brenners

Title (fr)

Procédé et dispositif de réglage de la durée de fonctionnement d'un brûleur

Publication

EP 2218967 B1 20151125 (DE)

Application

EP 10153430 A 20100212

Priority

DE 102009008649 A 20090212

Abstract (en)

[origin: EP2218967A2] The method involves setting a boiler temperature-desired value (T-SOLL), supplying a heat to a boiler by a burner. A current boiler temperature actual value (T-IST) is continuously or repeatedly determined. A switch-off integral is determined by an integral formation depending on control deviation difference over a time period when the boiler temperature actual value is larger than the boiler temperature-desired values. The burner is switched-off at a time period when a threshold value is equal to a value of the switch-off integral for stopping the supply of heat by the burner. An independent claim is also included for a device for regulating a running time of a burner comprising a boiler temperature-desired value setting unit.

IPC 8 full level

F23N 1/00 (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)

F23N 1/002 (2013.01 - EP); **F24H 9/2035** (2013.01 - EP US); **F24H 15/176** (2022.01 - EP US); **F24H 15/36** (2022.01 - EP US)

Cited by

DE102019005722A1; EP3779286A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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