

Title (en)

Capacity control for integrated furnace.

Title (de)

Kapazitätskontrolle für integrierten Ofen.

Title (fr)

Contrôle de la capacité pour four intégré.

Publication

EP 0279768 B1 19931208 (EN)

Application

EP 88630024 A 19880208

Priority

US 1730287 A 19870220

Abstract (en)

[origin: EP0279768A1] A method and control system are disclosed for operating an integrated heating system (10) for space heating and tankless domestic hot water heating utilizing an infrared burner module (18) and heat exchanger coil (17). When the system is below 100% capacity, the burner is pulsed using a constant pulse period and varying the on-pulse width to vary capacity, or where a minimum on-pulse width is maintained the off-pulse width is varied to vary capacity.

IPC 1-7

F23N 1/00

IPC 8 full level

F23N 1/00 (2006.01); **F24H 1/22** (2006.01)

CPC (source: EP)

F23N 1/002 (2013.01)

Citation (examination)

- EP 0222972 A2 19870527 - TOTO LTD [JP]
- GB 2160967 A 19860102 - THERMOCATALYTIC CORP

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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