

Title (en)  
CEILING BEAM CONSTRUCTION FOR HEATING FURNACE

Publication  
**EP 0089398 B1 19861203 (EN)**

Application  
**EP 82102456 A 19820324**

Priority  
EP 82102456 A 19820324

Abstract (en)  
[origin: EP0089398A1] An improved ceiling beam construction for a heating furnace 1 in which ceiling beams 6 having a closed cross section are adopted for utilizing the interior of the beams simultaneously as ducts 7 for passing gases through them so as to reduce space required for installing separate gas ducts, with a consequent decrease in the number of duct supporting fittings or fixtures.

IPC 1-7  
**F27B 9/32**; **F27D 1/02**; **C21D 9/00**; **F23M 5/06**

IPC 8 full level  
**C21D 9/00** (2006.01); **F23M 5/06** (2006.01); **F27B 9/32** (2006.01); **F27D 1/02** (2006.01)

CPC (source: EP)  
**C21D 9/0081** (2013.01); **F23M 5/06** (2013.01); **F27B 9/32** (2013.01); **F27D 1/025** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0089398 A1 19830928**; **EP 0089398 B1 19861203**; AT E24044 T1 19861215; DE 3274576 D1 19870115

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**EP 82102456 A 19820324**; AT 82102456 T 19820324; DE 3274576 T 19820324